

J E S 2 J O B L O G

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13.04.15 JOB 672 IEF196I IEF237I 151 ALLOCATED TO IEF0PDS0
13.04.15 JOB 672 IEF196I IEF285I SYS2.PROCLIB KEPT
13.04.15 JOB 672 IEF196I IEF285I VOL SER NOS= MVS000.
13.04.15 JOB 672 IEF677I WARNING MESSAGE(S) FOR JOB BASICDEM ISSUED
13.04.16 JOB 672 $HASP373 BASICDEM STARTED - INIT 1 - CLASS A - SYS HMVS
13.04.16 JOB 672 IEF403I BASICDEM - STARTED - TIME=13.04.16
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.02/00:00:00.04/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
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13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.01/00:00:00.03/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.03/00:00:00.04/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT BASIC /BASIC370/00:00:00.14/00:00:00.17/00000/BASICDEM
13.04.16 JOB 672 IEFACRTT PRINTIT /IEBGENER/00:00:00.01/00:00:00.01/00000/BASICDEM
13.04.16 JOB 672 IEF404I BASICDEM - ENDED - TIME=13.04.16
13.04.16 JOB 672 $HASP395 BASICDEM ENDED

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----- JES2 JOB STATISTICS -----

05 JUL 25 JOB EXECUTION DATE

61 CARDS READ

1,850 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.01 MINUTES EXECUTION TIME

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1 //BASICDEM JOB (1), 'BASIC370 V1.0.0 DEMO', CLASS=A, MSGCLASS=X, JOB 672
// REGION=1024K, COND=(0, NE)
2 //JOBPROC DD DISP=SHR, DSN=SYS2.PROCLIB
***
*** EXECUTE THE SAMPLE PROGRAMS
***
3 //S01 EXEC BASIC370
4 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
5 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
XX 'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
XX 'MAX_EXECS=&EXECS')
6 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB <- VERIFY FOR INSTALLATION
7 XX DD DISP=SHR, DSN=SYSC.PL1LIB <- VERIFY FOR INSTALLATION
8 XXSYSPRINT DD SYSOUT=&SOUT
9 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(CHANGE), DISP=SHR
X/SYSIN DD DUMMY
10 XXRENUMFL DD DUMMY, DCB=BLKSIZE=80
11 XXGETFILE DD DUMMY, DCB=BLKSIZE=80
12 XXPUTFILE DD DUMMY, DCB=(RECFM=F, BLKSIZE=80)
13 //KEYINPT DD *
***
X/KEYINPT DD DDNAME=INPUT
14 //S02 EXEC BASIC370
15 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
16 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
XX 'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
XX 'MAX_EXECS=&EXECS')
17 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB <- VERIFY FOR INSTALLATION
18 XX DD DISP=SHR, DSN=SYSC.PL1LIB <- VERIFY FOR INSTALLATION
19 XXSYSPRINT DD SYSOUT=&SOUT
20 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(FUNC1), DISP=SHR
***
X/SYSIN DD DUMMY
21 XXRENUMFL DD DUMMY, DCB=BLKSIZE=80
22 XXGETFILE DD DUMMY, DCB=BLKSIZE=80
23 XXPUTFILE DD DUMMY, DCB=(RECFM=F, BLKSIZE=80)
24 XXKEYINPT DD DDNAME=INPUT
25 //S03 EXEC BASIC370
26 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
27 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',

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XX          'MAX_SYM=&SYM,MAX_LINES=&LINES,MAX_PCODE=&PCODE',
XX          'MAX_EXECS=&EXECS')
28 XXSTEPLIB DD DISP=SHR,DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
29 XX          DD DISP=SHR,DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
30 XXSYSPRINT DD SYSOUT=&SOUT
31 //SYSIN   DD DSN=HMVS02.BASIC370.SAMPLES(FUNC2),DISP=SHR
***
X/SYSIN     DD DUMMY
32 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
33 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
34 XXPUTFILE DD DUMMY,DCB=(RECFM=F,BLKSIZE=80)
35 XXKEYINPT DD DDNAME=INPUT
36 //S04     EXEC BASIC370
37 XXBASIC370 PROC SOUT='*',                                     V1.0.0
XX          LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
XX          STACK=500,                      MAXIMUM DATA STACK
XX          SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
XX          LINES=500,                     MAXIMUM NUMBER OF BASIC LINES
XX          PCODE=500,                     MAXIMUM NUMBER OF PCODES
XX          EXECS=5000                     NUMBER OF PCODES EXECUTED TO
***
XX          DECLARE RUNAWAY PROGRAM
38 XXBASIC    EXEC PGM=BASIC370,PARM=('&LIB,MAX_STACK=&STACK',
XX          'MAX_SYM=&SYM,MAX_LINES=&LINES,MAX_PCODE=&PCODE',
XX          'MAX_EXECS=&EXECS')
39 XXSTEPLIB DD DISP=SHR,DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
40 XX          DD DISP=SHR,DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
41 XXSYSPRINT DD SYSOUT=&SOUT
42 //SYSIN   DD DSN=HMVS02.BASIC370.SAMPLES(FUNC3),DISP=SHR
***
X/SYSIN     DD DUMMY
43 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
44 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
45 XXPUTFILE DD DUMMY,DCB=(RECFM=F,BLKSIZE=80)
46 XXKEYINPT DD DDNAME=INPUT
47 //S05     EXEC BASIC370
48 XXBASIC370 PROC SOUT='*',                                     V1.0.0
XX          LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
XX          STACK=500,                      MAXIMUM DATA STACK
XX          SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
XX          LINES=500,                     MAXIMUM NUMBER OF BASIC LINES
XX          PCODE=500,                     MAXIMUM NUMBER OF PCODES
XX          EXECS=5000                     NUMBER OF PCODES EXECUTED TO
***
XX          DECLARE RUNAWAY PROGRAM
49 XXBASIC    EXEC PGM=BASIC370,PARM=('&LIB,MAX_STACK=&STACK',
XX          'MAX_SYM=&SYM,MAX_LINES=&LINES,MAX_PCODE=&PCODE',
XX          'MAX_EXECS=&EXECS')
50 XXSTEPLIB DD DISP=SHR,DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
51 XX          DD DISP=SHR,DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
52 XXSYSPRINT DD SYSOUT=&SOUT
53 //SYSIN   DD DSN=HMVS02.BASIC370.SAMPLES(LOGIC1),DISP=SHR
***
X/SYSIN     DD DUMMY
54 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
55 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
56 XXPUTFILE DD DUMMY,DCB=(RECFM=F,BLKSIZE=80)
57 XXKEYINPT DD DDNAME=INPUT
58 //S06     EXEC BASIC370
59 XXBASIC370 PROC SOUT='*',                                     V1.0.0
XX          LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
XX          STACK=500,                      MAXIMUM DATA STACK
XX          SYM=200,                        MAXIMUM NUMBER OF SYMBOLS

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	XX		LINES=500,	MAXIMUM NUMBER OF BASIC LINES
	XX		PCODE=500,	MAXIMUM NUMBER OF PCODES
	XX		EXECS=5000	NUMBER OF PCODES EXECUTED TO
	***			DECLARE RUNAWAY PROGRAM
60	XXBASIC	EXEC	PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',	
	XX		'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',	
	XX		'MAX_EXECS=&EXECS')	
61	XXSTEPLIB	DD	DISP=SHR, DSN=SYS2.LINKLIB	<- VERIFY FOR INSTALLATION
62	XX	DD	DISP=SHR, DSN=SYSC.PL1LIB	<- VERIFY FOR INSTALLATION
63	XXSYSPRINT	DD	SYSOUT=&SOUT	
64	//SYSIN	DD	DSN=HMVS02.BASIC370.SAMPLES(PLOT COS), DISP=SHR	
	X/SYSIN	DD	DUMMY	
65	XXRENUMFL	DD	DUMMY, DCB=BLKSIZE=80	
66	XXGETFILE	DD	DUMMY, DCB=BLKSIZE=80	
67	XXPUTFILE	DD	DUMMY, DCB=(RECFM=F, BLKSIZE=80)	
68	XXKEYINPT	DD	DDNAME=INPUT	
69	//S07	EXEC	BASIC370	
70	XXBASIC370	PROC	SOUT='*',	V1.0.0
	XX		LIB='HMVS02.BASIC370.BAS',	<- VERIFY FOR INSTALLATION
	XX		STACK=500,	MAXIMUM DATA STACK
	XX		SYM=200,	MAXIMUM NUMBER OF SYMBOLS
	XX		LINES=500,	MAXIMUM NUMBER OF BASIC LINES
	XX		PCODE=500,	MAXIMUM NUMBER OF PCODES
	XX		EXECS=5000	NUMBER OF PCODES EXECUTED TO
	***			DECLARE RUNAWAY PROGRAM
71	XXBASIC	EXEC	PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',	
	XX		'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',	
	XX		'MAX_EXECS=&EXECS')	
72	XXSTEPLIB	DD	DISP=SHR, DSN=SYS2.LINKLIB	<- VERIFY FOR INSTALLATION
73	XX	DD	DISP=SHR, DSN=SYSC.PL1LIB	<- VERIFY FOR INSTALLATION
74	XXSYSPRINT	DD	SYSOUT=&SOUT	
75	//SYSIN	DD	DSN=HMVS02.BASIC370.SAMPLES(PLOT SIN), DISP=SHR	

	X/SYSIN	DD	DUMMY	
76	XXRENUMFL	DD	DUMMY, DCB=BLKSIZE=80	
77	XXGETFILE	DD	DUMMY, DCB=BLKSIZE=80	
78	XXPUTFILE	DD	DUMMY, DCB=(RECFM=F, BLKSIZE=80)	
79	XXKEYINPT	DD	DDNAME=INPUT	
80	//S08	EXEC	BASIC370	
81	XXBASIC370	PROC	SOUT='*',	V1.0.0
	XX		LIB='HMVS02.BASIC370.BAS',	<- VERIFY FOR INSTALLATION
	XX		STACK=500,	MAXIMUM DATA STACK
	XX		SYM=200,	MAXIMUM NUMBER OF SYMBOLS
	XX		LINES=500,	MAXIMUM NUMBER OF BASIC LINES
	XX		PCODE=500,	MAXIMUM NUMBER OF PCODES
	XX		EXECS=5000	NUMBER OF PCODES EXECUTED TO
	***			DECLARE RUNAWAY PROGRAM
82	XXBASIC	EXEC	PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',	
	XX		'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',	
	XX		'MAX_EXECS=&EXECS')	
83	XXSTEPLIB	DD	DISP=SHR, DSN=SYS2.LINKLIB	<- VERIFY FOR INSTALLATION
84	XX	DD	DISP=SHR, DSN=SYSC.PL1LIB	<- VERIFY FOR INSTALLATION
85	XXSYSPRINT	DD	SYSOUT=&SOUT	
86	//SYSIN	DD	DSN=HMVS02.BASIC370.SAMPLES(PRINT), DISP=SHR	

	X/SYSIN	DD	DUMMY	
87	XXRENUMFL	DD	DUMMY, DCB=BLKSIZE=80	
88	XXGETFILE	DD	DUMMY, DCB=BLKSIZE=80	
89	XXPUTFILE	DD	DUMMY, DCB=(RECFM=F, BLKSIZE=80)	
90	XXKEYINPT	DD	DDNAME=INPUT	
91	//S09	EXEC	BASIC370	

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92  XXBASIC370 PROC SOUT='*',                                     V1.0.0
    XX      LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
    XX      STACK=500,                      MAXIMUM DATA STACK
    XX      SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
    XX      LINES=500,                      MAXIMUM NUMBER OF BASIC LINES
    XX      PCODE=500,                      MAXIMUM NUMBER OF PCODES
    XX      EXECS=5000                      NUMBER OF PCODES EXECUTED TO
    ***                                     DECLARE RUNAWAY PROGRAM

93  XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
    XX      'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
    XX      'MAX_EXECS=&EXECS')

94  XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
95  XX      DD DISP=SHR, DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
96  XXSYSPRINT DD SYSOUT=&SOUT
97  //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(PRINT1), DISP=SHR
    ***

    X/SYSIN DD DUMMY
98  XXRENUMFL DD DUMMY, DCB=BLKSIZE=80
99  XXGETFILE DD DUMMY, DCB=BLKSIZE=80
100 XXPUTFILE DD DUMMY, DCB=(RECFM=F, BLKSIZE=80)
101 XXKEYINPT DD DDNAME=INPUT
102 //S10 EXEC BASIC370
103 XXBASIC370 PROC SOUT='*',                                     V1.0.0
    XX      LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
    XX      STACK=500,                      MAXIMUM DATA STACK
    XX      SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
    XX      LINES=500,                      MAXIMUM NUMBER OF BASIC LINES
    XX      PCODE=500,                      MAXIMUM NUMBER OF PCODES
    XX      EXECS=5000                      NUMBER OF PCODES EXECUTED TO
    ***                                     DECLARE RUNAWAY PROGRAM

104 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
    XX      'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
    XX      'MAX_EXECS=&EXECS')

105 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
106 XX      DD DISP=SHR, DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
107 XXSYSPRINT DD SYSOUT=&SOUT
108 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(PRINT2), DISP=SHR
    ***

    X/SYSIN DD DUMMY
109 XXRENUMFL DD DUMMY, DCB=BLKSIZE=80
110 XXGETFILE DD DUMMY, DCB=BLKSIZE=80
111 XXPUTFILE DD DUMMY, DCB=(RECFM=F, BLKSIZE=80)
112 XXKEYINPT DD DDNAME=INPUT
113 //S11 EXEC BASIC370
114 XXBASIC370 PROC SOUT='*',                                     V1.0.0
    XX      LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
    XX      STACK=500,                      MAXIMUM DATA STACK
    XX      SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
    XX      LINES=500,                      MAXIMUM NUMBER OF BASIC LINES
    XX      PCODE=500,                      MAXIMUM NUMBER OF PCODES
    XX      EXECS=5000                      NUMBER OF PCODES EXECUTED TO
    ***                                     DECLARE RUNAWAY PROGRAM

115 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
    XX      'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
    XX      'MAX_EXECS=&EXECS')

116 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
117 XX      DD DISP=SHR, DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
118 XXSYSPRINT DD SYSOUT=&SOUT
119 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(QUADEQ), DISP=SHR
    ***

    X/SYSIN DD DUMMY

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120 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
121 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
122 XXPUTFILE DD DUMMY,DCB=(RECFM=F, BLKSIZE=80)
123 XXKEYINPT DD DDNAME=INPUT
124 //S12 EXEC BASIC370
125 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
126 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
XX 'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
XX 'MAX_EXECS=&EXECS')
127 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB <- VERIFY FOR INSTALLATION
128 XX DD DISP=SHR, DSN=SYSC.PL1LIB <- VERIFY FOR INSTALLATION
129 XXSYSPRINT DD SYSOUT=&SOUT
130 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(RENUM1), DISP=SHR
***
X/SYSIN DD DUMMY
131 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
132 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
133 XXPUTFILE DD DUMMY,DCB=(RECFM=F, BLKSIZE=80)
134 XXKEYINPT DD DDNAME=INPUT
135 //S13 EXEC BASIC370
136 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
137 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
XX 'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
XX 'MAX_EXECS=&EXECS')
138 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB <- VERIFY FOR INSTALLATION
139 XX DD DISP=SHR, DSN=SYSC.PL1LIB <- VERIFY FOR INSTALLATION
140 XXSYSPRINT DD SYSOUT=&SOUT
141 //SYSIN DD DSN=HMVS02.BASIC370.SAMPLES(RENUM2), DISP=SHR
***
X/SYSIN DD DUMMY
142 XXRENUMFL DD DUMMY,DCB=BLKSIZE=80
143 XXGETFILE DD DUMMY,DCB=BLKSIZE=80
144 XXPUTFILE DD DUMMY,DCB=(RECFM=F, BLKSIZE=80)
145 XXKEYINPT DD DDNAME=INPUT
146 //S14A EXEC BASIC370
147 XXBASIC370 PROC SOUT='*', V1.0.0
XX LIB='HMVS02.BASIC370.BAS', <- VERIFY FOR INSTALLATION
XX STACK=500, MAXIMUM DATA STACK
XX SYM=200, MAXIMUM NUMBER OF SYMBOLS
XX LINES=500, MAXIMUM NUMBER OF BASIC LINES
XX PCODE=500, MAXIMUM NUMBER OF PCODES
XX EXECS=5000 NUMBER OF PCODES EXECUTED TO
*** DECLARE RUNAWAY PROGRAM
148 XXBASIC EXEC PGM=BASIC370, PARM=('&LIB, MAX_STACK=&STACK',
XX 'MAX_SYM=&SYM, MAX_LINES=&LINES, MAX_PCODE=&PCODE',
XX 'MAX_EXECS=&EXECS')
149 XXSTEPLIB DD DISP=SHR, DSN=SYS2.LINKLIB <- VERIFY FOR INSTALLATION

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150 XX          DD  DISP=SHR,DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
151 XXSYSPRINT DD  SYSOUT=&SOUT
152 //SYSIN DD  DSN=HMVS02.BASIC370.SAMPLES(PUTTEST),DISP=SHR
    X/SYSIN DD  DUMMY
153 XXRENUMFL DD  DUMMY,DCB=BLKSIZE=80
154 XXGETFILE DD  DUMMY,DCB=BLKSIZE=80
155 //PUTFILE DD  DSN=&&TEMP,DISP=(NEW,PASS),
    //          UNIT=SYSDA,SPACE=(TRK,(2,2),RLSE),
    //          DCB=(RECFM=F,BLKSIZE=80)
    X/PUTFILE DD  DUMMY,DCB=(RECFM=F,BLKSIZE=80)
156 XXKEYINPT DD  DDNAME=INPUT
157 //S14B EXEC BASIC370
158 XXBASIC370 PROC SOUT='*',
    XX          LIB='HMVS02.BASIC370.BAS',      <- VERIFY FOR INSTALLATION
    XX          STACK=500,                      MAXIMUM DATA STACK
    XX          SYM=200,                        MAXIMUM NUMBER OF SYMBOLS
    XX          LINES=500,                     MAXIMUM NUMBER OF BASIC LINES
    XX          PCODE=500,                     MAXIMUM NUMBER OF PCODES
    XX          EXECS=5000                     NUMBER OF PCODES EXECUTED TO
    ***                                         DECLARE RUNAWAY PROGRAM
159 XXBASIC EXEC PGM=BASIC370,PARM=('&LIB,MAX_STACK=&STACK',
    XX          'MAX_SYM=&SYM,MAX_LINES=&LINES,MAX_PCODE=&PCODE',
    XX          'MAX_EXECS=&EXECS')
160 XXSTEPLIB DD  DISP=SHR,DSN=SYS2.LINKLIB      <- VERIFY FOR INSTALLATION
161 XX          DD  DISP=SHR,DSN=SYSC.PL1LIB      <- VERIFY FOR INSTALLATION
162 XXSYSPRINT DD  SYSOUT=&SOUT
163 //SYSIN DD  DSN=HMVS02.BASIC370.SAMPLES(GETTEST),DISP=SHR
    X/SYSIN DD  DUMMY
164 XXRENUMFL DD  DUMMY,DCB=BLKSIZE=80
165 //GETFILE DD  DSN=&&TEMP,DISP=(OLD,PASS)
    ***
    X/GETFILE DD  DUMMY,DCB=BLKSIZE=80
166 XXPUTFILE DD  DUMMY,DCB=(RECFM=F,BLKSIZE=80)
167 XXKEYINPT DD  DDNAME=INPUT
168 //PRINTIT EXEC PGM=IEBGENER
169 //SYSPRINT DD  DUMMY
170 //SYSIN DD  DUMMY
171 //SYSUT1 DD  DSN=&&TEMP,DISP=OLD
172 //SYSUT2 DD  SYSOUT=*

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STMT	NO.	MESSAGE
-		
5	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
5	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
5	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
8	IEF653I	SUBSTITUTION JCL - SYSOUT=*
16	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
16	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
16	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
19	IEF653I	SUBSTITUTION JCL - SYSOUT=*
27	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
27	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
27	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
30	IEF653I	SUBSTITUTION JCL - SYSOUT=*
38	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
38	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
38	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
41	IEF653I	SUBSTITUTION JCL - SYSOUT=*
49	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
49	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
49	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
52	IEF653I	SUBSTITUTION JCL - SYSOUT=*
60	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
60	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
60	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
63	IEF653I	SUBSTITUTION JCL - SYSOUT=*
71	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
71	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
71	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
74	IEF653I	SUBSTITUTION JCL - SYSOUT=*
82	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
82	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
82	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
85	IEF653I	SUBSTITUTION JCL - SYSOUT=*
93	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
93	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
93	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
96	IEF653I	SUBSTITUTION JCL - SYSOUT=*
104	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
104	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
104	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
107	IEF653I	SUBSTITUTION JCL - SYSOUT=*
115	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
115	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
115	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
118	IEF653I	SUBSTITUTION JCL - SYSOUT=*
126	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
126	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
126	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
129	IEF653I	SUBSTITUTION JCL - SYSOUT=*
137	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
137	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
137	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
140	IEF653I	SUBSTITUTION JCL - SYSOUT=*
148	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
148	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
148	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')
151	IEF653I	SUBSTITUTION JCL - SYSOUT=*
159	IEF653I	SUBSTITUTION JCL - PGM=BASIC370,PARM=('HMVS02.BASIC370.BAS,MAX_STACK=500',
159	IEF653I	SUBSTITUTION JCL - 'MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500',
159	IEF653I	SUBSTITUTION JCL - 'MAX_EXECS=5000')


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162 IEF653I SUBSTITUTION JCL - SYSOUT=*
 25 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 36 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 47 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 58 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 69 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 80 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
 91 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
102 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
113 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
124 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
135 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
146 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
157 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
168 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
171 IEF648I INVALID DISP FIELD- PASS SUBSTITUTED
IEF236I ALLOC. FOR BASICDEM BASIC S01
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00086
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00088
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I JES2 ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S01 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB              KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB              KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   JES2.JOB00672.S00102      SYSOUT
IEF285I   HMVS02.BASIC370.SAMPLES    KEPT          *-----3
IEF285I   VOL SER NOS= PUB000.
IEF285I   UCPUB000                KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF285I   JES2.JOB00672.SI0101      SYSIN
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU      0MIN 00.02SEC SRB      0MIN 00.00SEC VIRT    288K SYS    260K
**** JOB NAME: BASICDEM JOBCARD READ 2025/186 13:04:15 370/148 VS2 R03.8 HMVS *****
*
* STEP NUMBER:          1  USER CORE:          288K  START TIME:    13:04:16    CPU TIME:      00:00:00.02  ACTIVE TIME:  00:00:00.03 *
* STEP NAME:    BASIC    SYSTEM CORE:          260K  STOP TIME:     13:04:16    SRB TIME:      00:00:00.00  ALLOC TIME:   13:04:16 *
* PROGRAM NAME: BASIC370  REGION SIZE:         1024K  ELAPSED TIME: 00:00:00.04  TCB TIME:     00:00:00.02  PROGRAM LOAD: 13:04:16 *
* CONDITION CODE:  00000  PERFORMANCE GROUP: 004
*
* JES2 CARDS:          0          SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               55          0 /    0          0          0 /    0          0 /    0 *
*
* ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT *
* 151/D3350          0 253/D3350          0 253/D3350          0 180/D3380          3 180/D3380          0 *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S02
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00090
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00092
```

IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S02 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *------0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *------0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *------0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00103 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *------2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *------0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 260K

*
* STEP NUMBER: 2 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 260K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 35 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 *

IEF236I ALLOC. FOR BASICDEM BASIC S03
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00094
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00096
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S03 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *------0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *------0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *------0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00104 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *------2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *------0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 260K

*
* STEP NUMBER: 3 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 260K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *

```
*
*                JES2 CARDS:                0                SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                34                0 / 0                0                0 / 0                0 / 0                *
*
*  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  *
*  151/D3350            0  253/D3350            0  253/D3350            0  180/D3380            2  180/D3380            0                *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S04
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00098
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00100
IEF237I DMY  ALLOCATED TO RENUMFL
IEF237I DMY  ALLOCATED TO GETFILE
IEF237I DMY  ALLOCATED TO PUTFILE
IEF237I DMY  ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S04 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB                      KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB                      KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                      KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   JES2.JOB00672.S00105             SYSOUT
IEF285I   HMVS02.BASIC370.SAMPLES          KEPT          *-----2
IEF285I   VOL SER NOS= PUB000.
IEF285I   UCPUB000                      KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    288K SYS    264K
*****
*
*
*  STEP NUMBER:          4  USER CORE:          288K  START TIME:    13:04:16    CPU TIME:      00:00:00.01  ACTIVE TIME:  00:00:00.02 *
*  STEP NAME:          BASIC  SYSTEM CORE:          264K  STOP TIME:     13:04:16    SRB TIME:      00:00:00.00  ALLOC TIME:   13:04:16 *
*  PROGRAM NAME:    BASIC370  REGION SIZE:          1024K  ELAPSED TIME: 00:00:00.03  TCB TIME:      00:00:00.01  PROGRAM LOAD: 13:04:16 *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004
*                JES2 CARDS:                0                SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                35                0 / 0                0                0 / 0                0 / 0                *
*
*  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  *
*  151/D3350            0  253/D3350            0  253/D3350            0  180/D3380            2  180/D3380            0                *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S05
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00102
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00104
IEF237I DMY  ALLOCATED TO RENUMFL
IEF237I DMY  ALLOCATED TO GETFILE
IEF237I DMY  ALLOCATED TO PUTFILE
IEF237I DMY  ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S05 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB                      KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB                      KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                      KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
```

IEF285I JES2.JOB00672.S00106 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 264K

*
* STEP NUMBER: 5 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 264K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 35 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 *

IEF236I ALLOC. FOR BASICDEM BASIC S06
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00106
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00108
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF237I 180 ALLOCATED TO BASICLIB
IEF142I BASICDEM BASIC S06 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00107 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I HMVS02.BASIC370.BAS KEPT *-----1
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 288K

*
* STEP NUMBER: 6 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 288K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 40 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 180/D3380 1 *

IEF236I ALLOC. FOR BASICDEM BASIC S07
IEF237I 151 ALLOCATED TO STEPLIB

IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00110
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00112
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF237I 180 ALLOCATED TO BASICLIB
IEF142I BASICDEM BASIC S07 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00108 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I HMVS02.BASIC370.BAS KEPT *-----1
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 288K

*
* STEP NUMBER: 7 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 288K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 40 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 180/D3380 1 *

IEF236I ALLOC. FOR BASICDEM BASIC S08
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00114
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00116
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S08 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00109 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.


```
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 268K
*****
*
* STEP NUMBER: 8 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 268K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 35 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S09
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00118
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00120
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S09 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00110 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 268K
*****
*
* STEP NUMBER: 9 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 268K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 37 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S10
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00122
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00124
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
```

IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S10 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00111 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 268K

*
* STEP NUMBER: 10 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 268K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 36 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 *

IEF236I ALLOC. FOR BASICDEM BASIC S11
IEF237I 151 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00126
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00128
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I DMY ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S11 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00112 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 288K SYS 272K

*
* STEP NUMBER: 11 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: BASIC SYSTEM CORE: 272K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.03 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 38 0 / 0 0 0 / 0 0 / 0 *
*

```

*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  *
*   151/D3350           0  253/D3350           0  253/D3350           0  180/D3380           2  180/D3380           0  *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S12
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00130
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00132
IEF237I DMY  ALLOCATED TO RENUMFL
IEF237I DMY  ALLOCATED TO GETFILE
IEF237I DMY  ALLOCATED TO PUTFILE
IEF237I DMY  ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S12 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB              KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB              KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   JES2.JOB00672.S00113      SYSOUT
IEF285I   HMVS02.BASIC370.SAMPLES   KEPT          *-----2
IEF285I   VOL SER NOS= PUB000.
IEF285I   UCPUB000                KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF373I STEP /BASIC  / START 25186.1304
IEF374I STEP /BASIC  / STOP 25186.1304 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT  288K SYS  272K
*****
*
*
* STEP NUMBER:           12  USER CORE:           288K  START TIME:   13:04:16    CPU TIME:    00:00:00.01  ACTIVE TIME:  00:00:00.02  *
* STEP NAME:           BASIC  SYSTEM CORE:          272K  STOP TIME:    13:04:16    SRB TIME:    00:00:00.00  ALLOC TIME:   13:04:16  *
* PROGRAM NAME:    BASIC370  REGION SIZE:         1024K  ELAPSED TIME: 00:00:00.03  TCB TIME:    00:00:00.01  PROGRAM LOAD: 13:04:16  *
* CONDITION CODE:   00000  PERFORMANCE GROUP: 004
* JES2 CARDS:           0          SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT  *
*                               35           0 /    0           0           0 /    0           0 /    0  *
*
*
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  *
*   151/D3350           0  253/D3350           0  253/D3350           0  180/D3380           2  180/D3380           0  *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S13
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00134
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00136
IEF237I DMY  ALLOCATED TO RENUMFL
IEF237I DMY  ALLOCATED TO GETFILE
IEF237I DMY  ALLOCATED TO PUTFILE
IEF237I DMY  ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S13 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB              KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB              KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   JES2.JOB00672.S00114      SYSOUT
IEF285I   HMVS02.BASIC370.SAMPLES   KEPT          *-----2
IEF285I   VOL SER NOS= PUB000.

```

```
IEF285I   UCPUB000                                KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF373I STEP /BASIC    / START 25186.1304
IEF374I STEP /BASIC    / STOP  25186.1304 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT   288K SYS   280K
*****
*
* STEP NUMBER:          13  USER CORE:          288K  START TIME:   13:04:16    CPU TIME:    00:00:00.01  ACTIVE TIME:  00:00:00.02 *
* STEP NAME:           BASIC  SYSTEM CORE:       280K  STOP TIME:    13:04:16    SRB TIME:    00:00:00.00  ALLOC TIME:   13:04:16 *
* PROGRAM NAME:     BASIC370  REGION SIZE:       1024K  ELAPSED TIME: 00:00:00.03  TCB TIME:    00:00:00.01  PROGRAM LOAD: 13:04:16 *
* CONDITION CODE:    00000  PERFORMANCE GROUP: 004
* JES2 CARDS:              0          SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               35           0 /    0           0           0 /    0           0 /    0 *
*
* ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT *
* 151/D3350           0 253/D3350           0 253/D3350           0 180/D3380           2 180/D3380           0 *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S14A
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00138
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00140
IEF237I DMY  ALLOCATED TO RENUMFL
IEF237I DMY  ALLOCATED TO GETFILE
IEF237I 390  ALLOCATED TO PUTFILE
IEF237I DMY  ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S14A - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS2.LINKLIB                                KEPT          *-----0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYSC.PL1LIB                                KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                                KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   JES2.JOB00672.S00115                      SYSOUT
IEF285I   HMVS02.BASIC370.SAMPLES                    KEPT          *-----2
IEF285I   VOL SER NOS= PUB000.
IEF285I   UCPUB000                                KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF285I   SYS25186.T130415.RA000.BASICDEM.TEMP      PASSED        *-----50
IEF285I   VOL SER NOS= WORK03.
IEF373I STEP /BASIC    / START 25186.1304
IEF374I STEP /BASIC    / STOP  25186.1304 CPU    0MIN 00.02SEC SRB    0MIN 00.01SEC VIRT   288K SYS   288K
*****
*
* STEP NUMBER:          14  USER CORE:          288K  START TIME:   13:04:16    CPU TIME:    00:00:00.03  ACTIVE TIME:  00:00:00.03 *
* STEP NAME:           BASIC  SYSTEM CORE:       288K  STOP TIME:    13:04:16    SRB TIME:    00:00:00.01  ALLOC TIME:   13:04:16 *
* PROGRAM NAME:     BASIC370  REGION SIZE:       1024K  ELAPSED TIME: 00:00:00.04  TCB TIME:    00:00:00.02  PROGRAM LOAD: 13:04:16 *
* CONDITION CODE:    00000  PERFORMANCE GROUP: 004
* JES2 CARDS:              0          SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               297           0 /    0           0           0 /    0           0 /    0 *
*
* ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT *
* 151/D3350           0 253/D3350           0 253/D3350           0 180/D3380           2 180/D3380           0 390/D3390           50 *
*****
IEF236I ALLOC. FOR BASICDEM BASIC S14B
IEF237I 151  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00142
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 180  ALLOCATED TO SYSIN
```

IEF237I 180 ALLOCATED TO SYS00144
IEF237I DMY ALLOCATED TO RENUMFL
IEF237I 390 ALLOCATED TO GETFILE
IEF237I DMY ALLOCATED TO PUTFILE
IEF237I DMY ALLOCATED TO KEYINPT
IEF142I BASICDEM BASIC S14B - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= MVS000.
IEF285I SYSC.PL1LIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00672.S00116 SYSOUT
IEF285I HMVS02.BASIC370.SAMPLES KEPT *-----2
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I SYS25186.T130415.RA000.BASICDEM.TEMP PASSED *-----51
IEF285I VOL SER NOS= WORK03.
IEF373I STEP /BASIC / START 25186.1304
IEF374I STEP /BASIC / STOP 25186.1304 CPU 0MIN 00.11SEC SRB 0MIN 00.03SEC VIRT 288K SYS 296K

*
* STEP NUMBER: 15 USER CORE: 288K START TIME: 13:04:16 CPU TIME: 00:00:00.14 ACTIVE TIME: 00:00:00.16 *
* STEP NAME: BASIC SYSTEM CORE: 296K STOP TIME: 13:04:16 SRB TIME: 00:00:00.03 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: BASIC370 REGION SIZE: 1024K ELAPSED TIME: 00:00:00.17 TCB TIME: 00:00:00.11 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 369 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 151/D3350 0 253/D3350 0 253/D3350 0 180/D3380 2 180/D3380 0 390/D3390 51 *

IEF236I ALLOC. FOR BASICDEM PRINTIT
IEF237I DMY ALLOCATED TO SYSPRINT
IEF237I DMY ALLOCATED TO SYSIN
IEF237I 390 ALLOCATED TO SYSUT1
IEF237I JES2 ALLOCATED TO SYSUT2
IEF142I BASICDEM PRINTIT - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS25186.T130415.RA000.BASICDEM.TEMP PASSED *-----51
IEF285I VOL SER NOS= WORK03.
IEF285I JES2.JOB00672.S00117 SYSOUT
IEF373I STEP /PRINTIT / START 25186.1304
IEF374I STEP /PRINTIT / STOP 25186.1304 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 36K SYS 288K

*
* STEP NUMBER: 16 USER CORE: 36K START TIME: 13:04:16 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.01 *
* STEP NAME: PRINTIT SYSTEM CORE: 288K STOP TIME: 13:04:16 SRB TIME: 00:00:00.00 ALLOC TIME: 13:04:16 *
* PROGRAM NAME: IEBGENER REGION SIZE: 1024K ELAPSED TIME: 00:00:00.01 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:04:16 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 282 0 / 0 0 0 / 0 0 / 0 *
*
* ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT *
* 390/D3390 51 *

IEF237I 390 ALLOCATED TO SYS00001
IEF285I SYS25186.T130416.RA000.BASICDEM.R0000001 KEPT *-----0
IEF285I VOL SER NOS= WORK03.
IEF285I SYS25186.T130415.RA000.BASICDEM.TEMP DELETED
IEF285I VOL SER NOS= WORK03.

IEF375I JOB /BASICDEM/ START 25186.1304
IEF376I JOB /BASICDEM/ STOP 25186.1304 CPU 0MIN 00.28SEC SRB 0MIN 00.04SEC

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM TEST INPUT STATEMENT
000002      20 PRINT "CHANGE MAKER FOR USA"
000005      21 DIM COIN$(5),CENTS(5)
000006      22 FOR I=1 TO 5
000011      23 READ COIN$(I),CENTS(I)
000020      24 NEXT I
000022      30 PRINT
000024      40 PRINT "HOW MUCH IS THE PURCHASE?"
000027      50 INPUT PUR
000029      60 PRINT "HOW MUCH WAS TENDERED?"
000032      70 INPUT TEN
000034      80 LET CHG=TEN-PUR
000040      90 LET PU$="PURCHASE #,###.## TENDERED #,###.## CHANGE #,###.##"
000043     100 PRINT USING PU$,PUR,TEN,CHG
000054     110 IF CHG < 0 THEN 1000
000058     120 IF CHG = 0 THEN 900
000062     130 REM CONVERT CHG TO ALL CENTS DUE TO FLOATING POINT INACCURACIES
000063     140 LET CHG=INT(CHG*100)
000071     150 FOR I=1 TO 5
000076     160 LET NC=INT(CHG/CENTS(I))
000089     170 PRINT USING "### & ",NC,COIN$(I)
000103     171 IF NC=0 THEN 190
000107     180 LET CHG=CHG-(NC*CENTS(I))
000121     190 NEXT I
000123     200 GOTO 2000
000125     900 PRINT "NO CHANGE DUE"
000128     910 GOTO 2000
000130    1000 PRINT USING "SHORT #,###.##",CHG
000137    2000 PRINT "MAKE MORE CHANGE (Y/N)?"
000140    2010 INPUT R$
000142    2020 IF R$="Y" THEN 30
000146    2021 IF R$="y" THEN 30
000150    2030 IF R$="N" THEN 9999
000154    2031 IF R$="n" THEN 9999
000158    2040 PRINT "PLEASE ENTER Y,y,N or n"
000161    2050 GOTO 2000
000163    8000 DATA "DOLLAR(S)",100
000164    8010 DATA "QUARTER(S)",25
000165    8020 DATA "DIME(S)",10
000166    8030 DATA "NICKLE(S)",5
000167    8040 DATA "PENNIES",1
000168    9999 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 169 INSTRUCTIONS GENERATED, 59 SYMBOLS DEFINED 10 DATA ITEMS DEFINED ****

CHANGE MAKER FOR USA

HOW MUCH IS THE PURCHASE?

17.43 ENTERED VIA INPUT

HOW MUCH WAS TENDERED?

```
20 ENTERED VIA INPUT
PURCHASE      17.42  TENDERED      20.00  CHANGE      2.57
  2 DOLLAR(S)
  2 QUARTER(S)
  0 DIME(S)
  1 NICKLE(S)
  2 PENNIES
MAKE MORE CHANGE (Y/N)?
Y ENTERED VIA INPUT

HOW MUCH IS THE PURCHASE?
4 ENTERED VIA INPUT
HOW MUCH WAS TENDERED?
10 ENTERED VIA INPUT
PURCHASE      4.00  TENDERED      10.00  CHANGE      6.00
  6 DOLLAR(S)
  0 QUARTER(S)
  0 DIME(S)
  0 NICKLE(S)
  0 PENNIES
MAKE MORE CHANGE (Y/N)?
N ENTERED VIA INPUT

**** PROGRAM EXECUTION COMPLETE -      593 INSTRUCTIONS EXECUTED ****
```

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      20 REM DEMO PROGRAM FOR BASIC/360
000003      21 REM DEMOS FOR..NEXT, PRINT, AND FUNCTIONS
000004      30 REM
000005      31 PRINT "I","I*I","SQR(I)","ABS(I)"
000014      32 FOR I=1 TO 4
000019      34 PRINT "=====",
000022      35 NEXT I
000024      36 PRINT
000026      40 FOR I=1 TO 10
000031      50 PRINT I,I*I,SQR(I),ABS(I)
000049      60 NEXT I
000051      70 PRINT
000053      100 REM
000054      101 PRINT
000056      102 PRINT "J","K","INT(K)","INR(K)"
000065      110 LET J=1
000068      115 LET K=SQR(J)
000073      120 PRINT J,K,INT(K),INR(K)
000088      130 LET J=J+1
000094      140 IF J<=10 THEN 115
000098      150 REM
000099      9000 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 100 INSTRUCTIONS GENERATED, 30 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

I	I*I	SQR(I)	ABS(I)
=====	=====	=====	=====
1	1	1	1
2	4	1.414213	2
3	9	1.73205	3
4	16	2	4
5	25	2.236067	5
6	36	2.449489	6
7	49	2.64575	7
8	64	2.828427	8
9	81	3	9
10	100	3.162277	10

J	K	INT(K)	INR(K)
1	1	1	1
2	1.414213	1	1
3	1.73205	1	2
4	2	2	2
5	2.236067	2	2
6	2.449489	2	2
7	2.64575	2	3
8	2.828427	2	3
9	3	3	3

10	3.162277	3	3
----	----------	---	---

3.162277	3	3
----------	---	---

3 3

```

**** PROGRAM EXECUTION COMPLETE -      565 INSTRUCTIONS EXECUTED ****

```


*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      11 REM    DEMO FOR RND FUNCTION
000003      12 REM
000004      13 RANDOMIZE
000006      20 PRINT "RND FUNCTION TEST"
000009      30 FOR I=1 TO 20
000014      40 PRINT RND(0)
000020      50 NEXT I
000022      60 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 23 INSTRUCTIONS GENERATED, 18 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

RND FUNCTION TEST

```
0.192112
0.86189
0.44233
0.896968
0.400835
0.332296
0.386263
0.326911
0.485099
0.968392
0.444452
0.951184
0.707039
0.681574
0.72609
0.222368
0.799398
0.795077
0.575875
0.299556
```

**** PROGRAM EXECUTION COMPLETE - 175 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      11 REM    DEMO FOR USER SETTING RND SEED
000003      12 REM
000004      20 PRINT "RND FUNCTION SEED TEST"
000007      22 FOR J=1 TO 3
000012      25 PRINT "SEED SET",RND(1234)
000020      30 FOR I=1 TO 20
000025      40 PRINT RND(0);
000031      50 NEXT I
000033      51 PRINT
000035      55 NEXT J
000037      60 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 38 INSTRUCTIONS GENERATED, 22 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

RND FUNCTION SEED TEST

SEED SET 0.03769

0.22614 0.017624 0.070481 0.264269 0.951285 0.329291 0.414173 0.52142 0.400962 0.71299 0.669274 0.598736 0.568943
0.025038 0.029737 0.953072 0.450802 0.127156 0.705718 0.089903

SEED SET 0.03769

0.22614 0.017624 0.070481 0.264269 0.951285 0.329291 0.414173 0.52142 0.400962 0.71299 0.669274 0.598736 0.568943
0.025038 0.029737 0.953072 0.450802 0.127156 0.705718 0.089903

SEED SET 0.03769

0.22614 0.017624 0.070481 0.264269 0.951285 0.329291 0.414173 0.52142 0.400962 0.71299 0.669274 0.598736 0.568943
0.025038 0.029737 0.953072 0.450802 0.127156 0.705718 0.089903

**** PROGRAM EXECUTION COMPLETE - 544 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      20 REM  VALIDATE IF, GOTO, READ AND DATA STATEMENTS
000003      30 REM
000004      80 PRINT "A", "B"
000009     100 READ A, B
000012     110 IF A=999 THEN 900
000016     120 IF A=B THEN 200
000020     130 IF A<B THEN 220
000024     140 IF A>B THEN 240
000028     150 IF A<=B THEN 260
000032     160 IF A>=B THEN 280
000036     170 IF A<>B THEN 300
000040     180 GOTO 100
000042     200 PRINT A, B, "A=B"
000049     210 GO TO 130
000051     220 PRINT A, B, "A<B"
000058     230 GO TO 140
000060     240 PRINT A, B, "A>B"
000067     250 GOTO 150
000069     260 PRINT A, B, "A<=B"
000076     270 GOTO 160
000078     280 PRINT A, B, "A>=B"
000085     290 GOTO 170
000087     300 PRINT A, B, "A<>B"
000094     310 GOTO 180
000096     500 DATA 1, 1, 1, 2, 2, 1
000097     510 DATA 100, 25, 32, -5
000098     520 DATA 999, 999
000099     900 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 100 INSTRUCTIONS GENERATED, 23 SYMBOLS DEFINED 12 DATA ITEMS DEFINED ****

A	B	
1	1	A=B
1	1	A<=B
1	1	A>=B
1	2	A<B
1	2	A<=B
1	2	A<>B
2	1	A>B
2	1	A>=B
2	1	A<>B
100	25	A>B
100	25	A>=B
100	25	A<>B
32	-5	A>B
32	-5	A>=B
32	-5	A<>B

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

000001 *APPEND=TRIGPLOT

***** ^

***** NOT IN LIBRARY *****

000001 10 REM

000002 20 REM DEMO APPEND - PLOT COS CURVE

000003 30 REM

000004 40 DEF FN(X)=COS(X)

000012 50 LET T\$="COS(X)"

000015 60 GOSUB 10000

000017 180 END

**** END OF COMPILATION **** 1 ERRORS FOUND

**** 18 INSTRUCTIONS GENERATED, 17 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

000001 *APPEND=TRIGPLOT

***** ^

***** NOT IN LIBRARY *****

000001 10 REM

000002 20 REM DEMO APPEND - PLOT SIN CURVE

000003 30 REM

000004 40 DEF FN(X)=SIN(X)

000012 50 LET T\$="SIN(X)"

000015 60 GOSUB 10000

000017 70 PRINT "BACK"

000020 180 END

**** END OF COMPILATION **** 1 ERRORS FOUND

**** 21 INSTRUCTIONS GENERATED, 18 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      20 REM  TEST PRINT NUMERIC FORMATTING
000003      30 REM
000004      40 READ A,B,C
000008      50 IF A=9999 THEN 9000
000012      60 PRINT A,B,C
000019      61 PRINT A-1,B-1,C-1
000035      62 PRINT A+1,B+1,C+1
000051      70 GOTO 40
000053     100 DATA 1,2,3
000054     110 DATA 1.23,3,432.3
000055     120 DATA 1.0E+5,1.0E+6,1.0E+7
000056     130 DATA -1.0E+5,-1.0E+6,-1.0E+7
000057     140 DATA 1.0E-5,1.0E-6,1.0E-7
000058     150 DATA -1.0E-5,-1.0E-6,-1.0E-7
000059     160 DATA 9999,9999,9999
000060     9000 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 61 INSTRUCTIONS GENERATED, 20 SYMBOLS DEFINED 21 DATA ITEMS DEFINED ****

1	2	3
0	1	2
2	3	4
1.229999	3	432.299804
0.229999	2	431.299804
2.229999	4	433.299804
100000	1.000000E+06	1.000000E+07
99999	999999	9.99999E+06
100001	1.000000E+06	1.000000E+07
-100000	-1.000000E+06	-1.000000E+07
-100001	-1.000000E+06	-1.000000E+07
-99999	-999999	-9.99999E+06
0.000009	9.99999E-07	9.99999E-08
-0.99999	-0.999999	-0.999999
1.000009	1	1
-0.000009	-9.99999E-07	-9.99999E-08
-1.000009	-1	-1
0.99999	0.999999	0.999999

**** PROGRAM EXECUTION COMPLETE - 307 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      20 REM  VALUDATION PROGRAM FOR BASIC/360
000003      21 REM    ADVANCED PRINTING
000004      30 REM
000005      34 PRINT
000007      35 PRINT "I","I*I","SQR(I)","ABS(I)"
000016      36 FOR I=1 TO 4
000021      37 PRINT "=====",
000024      38 NEXT I
000026      39 PRINT
000028      40 FOR I=1 TO 10
000033      50 PRINT I,I*I,SQR(I),ABS(I)
000051      60 NEXT I
000053      70 PRINT
000055      100 REM
000056      104 PRINT
000058      105 PRINT "J","J*J","SQR(J)"
000065      106 FOR I=1 TO 3
000070      107 PRINT "=====",
000073      108 NEXT I
000075      109 PRINT
000077      110 LET J=1
000080      120 PRINT TAB(J),J,J*J,SQR(J)
000097      130 LET J=J+1
000103      140 IF J<=10 THEN 120
000107      9000 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 108 INSTRUCTIONS GENERATED, 30 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

I	I*I	SQR(I)	ABS(I)
=====	=====	=====	=====
1	1	1	1
2	4	1.414213	2
3	9	1.73205	3
4	16	2	4
5	25	2.236067	5
6	36	2.449489	6
7	49	2.64575	7
8	64	2.828427	8
9	81	3	9
10	100	3.162277	10

J	J*J	SQR(J)
=====	=====	=====
1	1	1
2	4	1.414213
3	9	1.73205
4	16	2

5	25	2.236067
6	36	2.449489
7	49	2.64575
8	64	2.828427
9	81	3
10	100	3.162277

**** PROGRAM EXECUTION COMPLETE - 556 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM
000002      20 REM    DEMO PRINT USING #1
000003      30 REM
000004      31 REM    A LOT OF POSSIBLE COMBINATIONS OF PRINT AND PRINT USING
000005      32 REM    ARE SHOWN IN THIS PROGRAM.  THE OUTPUT IS A JUMBLE OF
000006      33 REM    STUFF TO DEMONSTRATE THE INTERACTIONS OF PRINT AND PRINT
000007      34 REM    USING.
000008      50 REM
000009      53 LET T$="    EMPLOYEE      HOURS      RATE      NET PAY"
000012      54 LET U$="    -----      ----      -----      -----"
000015      55 LET P$="    &&&&&&&&&&&&&&    ##.#    ##.##    $ ##,###.##"
000018      56 PRINT T$
000021      57 PRINT U$
000024      60 READ NAME$,HOURS,RATE
000028      70 IF HOURS>0 THEN 100
000032      75 PRINT
000034      80 PRINT "END OF JOB"
000037      90 END
000039      100 LET NET=HOURS*RATE
000045      101 PRINT "->";
000048      109 PRINT USING P$,NAME$,HOURS,RATE,NET,
000061      110 PRINT USING P$,NAME$,HOURS,RATE,NET,
000074      111 IF HOURS <= 40 THEN 115
000078      112 PRINT "OVERTIME"
000081      113 GO TO 60
000083      115 PRINT
000085      120 GOTO 60
000087      500 DATA "MOE HOWARD",41,7.25
000088      510 DATA "LARRY FINE",32,7.25
000089      520 DATA "CURLEY HOWARD",40,.02
000090      530 DATA "THE BIG BOSS MAN",40,14
000091      540 DATA "END",0,0
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 91 INSTRUCTIONS GENERATED, 33 SYMBOLS DEFINED 15 DATA ITEMS DEFINED ****

EMPLOYEE	HOURS	RATE	NET PAY	
-----	----	-----	-----	
->MOE HOWARD	41.0	7.25	\$ 297.25	MOE HOWARD 41.0 7.25 \$ 297.25 OVERTIME
->LARRY FINE	32.0	7.25	\$ 232.00	LARRY FINE 32.0 7.25 \$ 232.00
->CURLEY HOWAR	40.0	0.01	\$ 0.79	CURLEY HOWAR 40.0 0.01 \$ 0.79
->THE BIG BOSS	40.0	14.00	\$ 560.00	THE BIG BOSS 40.0 14.00 \$ 560.00

END OF JOB

**** PROGRAM EXECUTION COMPLETE - 235 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      1 REM DEMO/TEST PRINT USING
000002      5 LET PU1$="#####X^2+#####X+##### = 0"
000005      6 LET PU2$="&&&&&&& X=#####.## x #####.## &"
000008      7 LET PU3$="### X ###.## = #####.## , ### X ###.## = #####.## SUM= #####.##"
000011      00100 DATA 5,-9,-248
000012      00110 DATA 2,6,5
000013      00120 DATA 0,0,0
000014      00200 READ A,B,C
000018      00210 IF A=0 THEN 1500
000022      00300 REM AX2+BX+C=0
000023      00400 REM X2+BX/A=-C/A
000024      00500 REM X2+2BX/2A+B2/4A2=B2/4A2-C/A
000025      00600 REM (X+B/2A)2=(B2-4AC)/4A2
000026      00700 REM X1,X2 = (-B +/- SQR(B2-4AC))/2A
000027      00800 LET D=B*B-4*C*A
000042      00850 PRINT USING PU1$,A,B,C
000053      00900 IF D<0 THEN 1300
000057      00950 REM REAL
000058      01000 LET D=SQR(D)
000063      01100 PRINT USING PU2$, "REAL", (-B+D)/2/A, (-B-D)/2/A, " ",
000100      01101 PRINT "REAL", (-B+D)/2/A, (-B-D)/2/A, " "
000133      01110 LET X=(-B+D)/2/A
000148      01120 GOSUB 1600
000150      01130 LET X=(-B-D)/2/A
000165      01140 GOSUB 1600
000167      01150 GOTO 200
000169      01200 REM COMPLEX
000170      01300 LET D=SQR(-D)
000178      01400 PRINT USING PU2$, "COMPLEX", -B/2/A, D/2/A, "I";
000206      01401 PRINT "COMPLEX", -B/2/A, D/2/A, "I"
000230      01410 GOTO 200
000232      01500 END
000234      01600 PRINT A;"X";X*X;"=";"A*X*X,B;"X";X;"=";"B*X,"SUM=";"A*X*X+B*X
000283      01602 PRINT USING PU3$,A;X*X;A*X*X,B;X;B*X,A*X*X+B*X
000326      01700 RETURN
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 327 INSTRUCTIONS GENERATED, 48 SYMBOLS DEFINED 9 DATA ITEMS DEFINED ****

```
      5X^2+      -9X+      -248 = 0
REAL      X=      8.00 x      -6.19      REAL      8      -6.199999
5X 64= 320      -9X 8=-72      SUM= 248
5 X 64.0 = 320.0 , -9 X 8.0 = -72.0 SUM= 248.0
5X 38.439987= 192.19989 -9X-6.199999= 55.799987 SUM= 247.999877
5 X 38.4 = 192.1 , -9 X -6.1 = 55.7 SUM= 247.9

      2X^2+      6X+      5 = 0
COMPLEX X=      -1.50 x      0.50 ICOMPLEX      -1.5      0.5      I
```

**** PROGRAM EXECUTION COMPLETE - 465 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      *RENUM
000001      10 PRINT 1,
000004      20 FOR I=1 TO 10
000009      30 PRINT I,
000012      40 NEXT I
000014      50 PRINT
000016      60 PRINT "DONE"
000019      70 END
```

**** END OF COMPILATION **** NO ERRORS FOUND - RENUMBERING PROGRAM

**** 20 INSTRUCTIONS GENERATED, 16 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

OFFSET

```
000001      *RENUM
000001      10 PRINT 1,
000004      20 FOR I=1 TO 10
000009      30 PRINT I,
000012      40 NEXT I
000014      50 PRINT
000016      60 PRINT "DONE"
000019      70 END
```

**** END OF COMPILATION **** NO ERRORS FOUND
**** 20 INSTRUCTIONS GENERATED, 16 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

1	1	2	3	4	5	6	7	8
9	10							

DONE

**** PROGRAM EXECUTION COMPLETE - 65 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      *RENUM100
000001      10 PRINT 1,
000004      20 FOR I=10 TO 1 STEP -1
000012      30 PRINT I,
000015      40 NEXT I
000017      50 PRINT
000019      60 PRINT "DONE"
000022      70 END
```

**** END OF COMPILATION **** NO ERRORS FOUND - RENUMBERING PROGRAM

**** 23 INSTRUCTIONS GENERATED, 18 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

OFFSET

```
000001      *RENUM100
000001      100 PRINT 1,
000004      110 FOR I=10 TO 1 STEP -1
000012      120 PRINT I,
000015      130 NEXT I
000017      140 PRINT
000019      150 PRINT "DONE"
000022      160 END
```

**** END OF COMPILATION **** NO ERRORS FOUND
**** 23 INSTRUCTIONS GENERATED, 18 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

1	10	9	8	7	6	5	4	3
2	1							

DONE

**** PROGRAM EXECUTION COMPLETE - 68 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM GET/PUT TEST
000002      15 LET X$="SOMETHING DIFFERENT."
000005      20 FOR X=1 TO 100
000010      21 LET Y=X*X
000016      22 LET Z=SQR(X)
000021      30 PUT X,Y,Z,X$
000026      35 NEXT X
000028      40 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 29 INSTRUCTIONS GENERATED, 20 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

**** PROGRAM EXECUTION COMPLETE - 1811 INSTRUCTIONS EXECUTED ****

*EXEC PARM: HMVS02.BASIC370.BAS,MAX_STACK=500,MAX_SYM=200,MAX_LINES=500,MAX_PCODE=500,MAX_EXECS=5000

*OPTIONS IN EFFECT: MAX_EXECS=5000, MAX_LINES=500, MAX_STACK=500, MAX_SYM=200, MAX_PCODE=500

*OPTIONS IN EFFECT: DEFAULT BASIC LIBRARY=HMVS02.BASIC370.BAS

OFFSET

```
000001      10 REM GET/PUT TEST
000002      20 FOR I=1 TO 100
000007      30 GET X,Y,Z,X$
000012      40 PRINT X$,X,Y,Z
000021      50 NEXT I
000023      60 END
```

**** END OF COMPILATION **** NO ERRORS FOUND

**** 24 INSTRUCTIONS GENERATED, 19 SYMBOLS DEFINED 0 DATA ITEMS DEFINED ****

SOMETHING DIFFERENT.	1	1	1
SOMETHING DIFFERENT.	2	4	1.414212
SOMETHING DIFFERENT.	3	9	1.732049
SOMETHING DIFFERENT.	4	16	2
SOMETHING DIFFERENT.	5	25	2.236066
SOMETHING DIFFERENT.	6	36	2.449488
SOMETHING DIFFERENT.	7	49	2.645749
SOMETHING DIFFERENT.	8	64	2.828426
SOMETHING DIFFERENT.	9	81	3
SOMETHING DIFFERENT.	10	100	3.162276
SOMETHING DIFFERENT.	11	121	3.316623
SOMETHING DIFFERENT.	12	144	3.4641
SOMETHING DIFFERENT.	13	169	3.60555
SOMETHING DIFFERENT.	14	196	3.741656
SOMETHING DIFFERENT.	15	225	3.872981
SOMETHING DIFFERENT.	16	256	4
SOMETHING DIFFERENT.	17	289	4.123105
SOMETHING DIFFERENT.	18	324	4.242639
SOMETHING DIFFERENT.	19	361	4.358898
SOMETHING DIFFERENT.	20	400	4.472134
SOMETHING DIFFERENT.	21	441	4.582574
SOMETHING DIFFERENT.	22	484	4.690414
SOMETHING DIFFERENT.	23	529	4.79583
SOMETHING DIFFERENT.	24	576	4.898978
SOMETHING DIFFERENT.	25	625	5
SOMETHING DIFFERENT.	26	676	5.099019
SOMETHING DIFFERENT.	27	729	5.196151
SOMETHING DIFFERENT.	28	784	5.291501
SOMETHING DIFFERENT.	29	841	5.385164
SOMETHING DIFFERENT.	30	900	5.477224
SOMETHING DIFFERENT.	31	961	5.567763
SOMETHING DIFFERENT.	32	1024	5.656853
SOMETHING DIFFERENT.	33	1089	5.744562
SOMETHING DIFFERENT.	34	1156	5.83095
SOMETHING DIFFERENT.	35	1225	5.916078
SOMETHING DIFFERENT.	36	1296	6
SOMETHING DIFFERENT.	37	1369	6.082761
SOMETHING DIFFERENT.	38	1444	6.164413
SOMETHING DIFFERENT.	39	1521	6.244996
SOMETHING DIFFERENT.	40	1600	6.324554
SOMETHING DIFFERENT.	41	1681	6.403122

SOMETHING	DIFFERENT.	42	1764	6.480739
SOMETHING	DIFFERENT.	43	1849	6.557437
SOMETHING	DIFFERENT.	44	1936	6.633248
SOMETHING	DIFFERENT.	45	2025	6.708203
SOMETHING	DIFFERENT.	46	2116	6.782328
SOMETHING	DIFFERENT.	47	2209	6.855653
SOMETHING	DIFFERENT.	48	2304	6.928202
SOMETHING	DIFFERENT.	49	2401	7
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SOMETHING	DIFFERENT.	51	2601	7.141426
SOMETHING	DIFFERENT.	52	2704	7.211101
SOMETHING	DIFFERENT.	53	2809	7.280109
SOMETHING	DIFFERENT.	54	2916	7.348467
SOMETHING	DIFFERENT.	55	3025	7.416197
SOMETHING	DIFFERENT.	56	3136	7.483313
SOMETHING	DIFFERENT.	57	3249	7.549833
SOMETHING	DIFFERENT.	58	3364	7.615772
SOMETHING	DIFFERENT.	59	3481	7.681144
SOMETHING	DIFFERENT.	60	3600	7.745965
SOMETHING	DIFFERENT.	61	3721	7.810248
SOMETHING	DIFFERENT.	62	3844	7.874007
SOMETHING	DIFFERENT.	63	3969	7.937252
SOMETHING	DIFFERENT.	64	4096	8
SOMETHING	DIFFERENT.	65	4225	8.062256
SOMETHING	DIFFERENT.	66	4356	8.124037
SOMETHING	DIFFERENT.	67	4489	8.185351
SOMETHING	DIFFERENT.	68	4624	8.24621
SOMETHING	DIFFERENT.	69	4761	8.306622
SOMETHING	DIFFERENT.	70	4900	8.366599
SOMETHING	DIFFERENT.	71	5041	8.426148
SOMETHING	DIFFERENT.	72	5184	8.485279
SOMETHING	DIFFERENT.	73	5329	8.544002
SOMETHING	DIFFERENT.	74	5476	8.602324
SOMETHING	DIFFERENT.	75	5625	8.660253
SOMETHING	DIFFERENT.	76	5776	8.717797
SOMETHING	DIFFERENT.	77	5929	8.774963
SOMETHING	DIFFERENT.	78	6084	8.831759
SOMETHING	DIFFERENT.	79	6241	8.888193
SOMETHING	DIFFERENT.	80	6400	8.944271
SOMETHING	DIFFERENT.	81	6561	9
SOMETHING	DIFFERENT.	82	6724	9.055384
SOMETHING	DIFFERENT.	83	6889	9.110432
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SOMETHING	DIFFERENT.	87	7569	9.327378
SOMETHING	DIFFERENT.	88	7744	9.38083
SOMETHING	DIFFERENT.	89	7921	9.433979
SOMETHING	DIFFERENT.	90	8100	9.486831
SOMETHING	DIFFERENT.	91	8281	9.539391
SOMETHING	DIFFERENT.	92	8464	9.591662
SOMETHING	DIFFERENT.	93	8649	9.64365
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SOMETHING	DIFFERENT.	95	9025	9.746793
SOMETHING	DIFFERENT.	96	9216	9.797958
SOMETHING	DIFFERENT.	97	9409	9.848856
SOMETHING	DIFFERENT.	98	9604	9.899494
SOMETHING	DIFFERENT.	99	9801	9.949873
SOMETHING	DIFFERENT.	100	10000	10

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**** PROGRAM EXECUTION COMPLETE -      1608 INSTRUCTIONS EXECUTED ****

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