

J E S 2 J O B L O G

13.38.43 JOB 954 \$HASP373 COBUCL3 STARTED - INIT 1 - CLASS A - SYS HMVS
13.38.43 JOB 954 IEF403I COBUCL3 - STARTED - TIME=13.38.43
13.38.43 JOB 954 IEC130I SYSPUNCH DD STATEMENT MISSING
13.38.43 JOB 954 IEC130I SYSLIB DD STATEMENT MISSING
13.38.43 JOB 954 IEC130I SYSPUNCH DD STATEMENT MISSING
13.38.43 JOB 954 IEFACTRT COB /IKFCBL00/00:00:00.10/00:00:00.17/00004/COBUCL3
13.38.43 JOB 954 IEFACTRT LKED /IEWL /00:00:00.03/00:00:00.06/00000/COBUCL3
13.38.43 JOB 954 SE 'COBUCL3 (J 954)- COBUCL .COB ENDED, CODE 0004, 21.363 13:38:43',USER=(JAY01),LOGON
13.38.43 JOB 954 SE 'COBUCL3 (J 954)- COBUCL .LKED ENDED, CODE 0000, 21.363 13:38:43',USER=(JAY01),LOGON
13.38.43 JOB 954 IEFACTRT COMPCODE/COMPCODE/00:00:00.00/00:00:00.01/00000/COBUCL3
13.38.43 JOB 954 IEF404I COBUCL3 - ENDED - TIME=13.38.43
13.38.43 JOB 954 \$HASP395 COBUCL3 ENDED

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

29 DEC 21 JOB EXECUTION DATE

16 CARDS READ

596 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

Line	Code	Description	Job	Page
1	//COBUCL3	JOB (001), 'COBOL COMPILE', CLASS=A, MSGCLASS=X		954
	***		00000203	
	***	*****	00000303	*
	***	* COMPILE MAIN PROGRAM -ISREPT2 - AND LINK INTO LOAD MODULE	00000403	* *
	***	* -ISREPT2-	00000503	* *
	***	*****	00000603	*
2	//COBUCL	EXEC COBUCL, CPARM1='NODECK, LOAD, DMAP, SUPMAP'	00000700	
3	XXCOBUCL	PROC CPARM1='LOAD, SUPMAP',	100010000	
	XX	CPARM2='SIZE=2048K, BUF=1024K'	00020000	
4	XXCOB	EXEC PGM=IKFCBL00, REGION=4096K,	00040001	
	XX	PARM='&CPARM1, &CPARM2'	00050001	
5	XXSTEPLIB	DD DSN=SYSC.LINKLIB, DISP=SHR	00051001	
6	XXSYSPRINT	DD SYSOUT=*	00060000	
7	XXSYSUT1	DD UNIT=SYSDA, SPACE=(460, (700, 100))	00070000	
8	XXSYSUT2	DD UNIT=SYSDA, SPACE=(460, (700, 100))	00080000	
9	XXSYSUT3	DD UNIT=SYSDA, SPACE=(460, (700, 100))	00090000	
10	XXSYSUT4	DD UNIT=SYSDA, SPACE=(460, (700, 100))	00100000	
11	XXSYSLIN	DD DSN=&LOADSET, DISP=(MOD, PASS), UNIT=SYSDA,	00110000	
	XX	SPACE=(80, (500, 100))	00120000	
12	//COB.SYSIN	DD DISP=SHR, DSN=JAY01.ISAM.COBOL (ISREPT2)	00000802	
13	XXLKED	EXEC PGM=IEWL, PARM='LIST, XREF, LET', COND=(5, LT, COB), REGION=96K	00130000	
14	XXSYSLIN	DD DSN=&LOADSET, DISP=(OLD, DELETE)	00140000	
15	XX	DD DDNAME=SYSIN	00150000	
16	//LKED.SYSLMOD	DD DISP=MOD, DSN=JAY01.LOAD <<- TARGET	00000900	
	X/SYSLMOD	DD DDNAME=SYSLMOD	00160000	
17	//LKED.SYSLIB	DD	00001000	
	X/SYSLIB	DD DSN=SYSC.COBLIB, DISP=SHR	00170000	
18	//	DD DISP=SHR, DSN=SYSC.COBLIB	00001100	
19	XXSYSUT1	DD UNIT=SYSDA, SPACE=(1024, (50, 20))	00180000	
20	XXSYSPRINT	DD SYSOUT=*	00190000	
21	//LKED.SYSIN	DD *	00001200	
22	//COMPCODE	EXEC PGM=COMPCODE, COND=EVEN,	00001400	
	//	PARM='USER=(JAY01)'	00001500	
23	//SYSPRINT	DD SYSOUT=*	00001600	

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STMT NO. MESSAGE
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      4      IEF653I SUBSTITUTION JCL - PARM='NODECK,LOAD,DMAP,SUPMAP,SIZE=2048K,BUF=1024K'
IEF236I ALLOC. FOR COBUCL3 COB COBUCL
IEF237I 253  ALLOCATED TO STEPLIB
IEF237I 253  ALLOCATED TO SYS00370
IEF237I JES2  ALLOCATED TO SYSPRINT
IEF237I 370  ALLOCATED TO SYSUT1
IEF237I 252  ALLOCATED TO SYSUT2
IEF237I 380  ALLOCATED TO SYSUT3
IEF237I 251  ALLOCATED TO SYSUT4
IEF237I 252  ALLOCATED TO SYSLIN
IEF237I 184  ALLOCATED TO SYSIN
IEF237I 180  ALLOCATED TO SYS00372
IEC130I SYSPUNCH DD STATEMENT MISSING
IEC130I SYSLIB   DD STATEMENT MISSING
IEC130I SYSPUNCH DD STATEMENT MISSING
IEF142I COBUCL3 COB COBUCL - STEP WAS EXECUTED - COND CODE 0004
IEF285I  SYSC.LINKLIB              KEPT          *-----0
IEF285I  VOL SER NOS= SYSCPK.              *-----0
IEF285I  UCSYSCPK                  KEPT          *-----0
IEF285I  VOL SER NOS= SYSCPK.
IEF285I  JES2.JOB00954.S00102            SYSOUT
IEF285I  SYS21363.T133843.RA000.COBUCL3.R0000001  DELETED    *-----6
IEF285I  VOL SER NOS= MVS370.
IEF285I  SYS21363.T133843.RA000.COBUCL3.R0000002  DELETED    *-----6
IEF285I  VOL SER NOS= WORK01.
IEF285I  SYS21363.T133843.RA000.COBUCL3.R0000003  DELETED    *-----9
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS21363.T133843.RA000.COBUCL3.R0000004  DELETED    *-----5
IEF285I  VOL SER NOS= WORK00.
IEF285I  SYS21363.T133843.RA000.COBUCL3.LOADSET    PASSED     *-----119
IEF285I  VOL SER NOS= WORK01.
IEF285I  JAY01.ISAM.COBOL              KEPT          *-----2
IEF285I  VOL SER NOS= MVS381.
IEF285I  UCPUB000                  KEPT          *-----0
IEF285I  VOL SER NOS= PUB000.
IEF373I STEP /COB      / START 21363.1338
IEF374I STEP /COB      / STOP  21363.1338 CPU      0MIN 00.08SEC SRB      0MIN 00.02SEC VIRT  2076K SYS   188K
**** JOB NAME: COBUCL3  JOBCARD READ 2021/363 13:38:43 370/148 VS2 R03.8 HMVS *****
*
* STEP NUMBER:          1  USER CORE:          2076K  START TIME:    13:38:43      CPU TIME:      00:00:00.10  ACTIVE TIME:  00:00:00.12 *
* STEP NAME:          COB      SYSTEM CORE:      188K  STOP TIME:    13:38:43      SRB TIME:      00:00:00.02  ALLOC TIME:   13:38:43 *
* PROGRAM NAME:    IKFCBL00  REGION SIZE:      4096K  ELAPSED TIME: 00:00:00.17  TCB TIME:      00:00:00.08  PROGRAM LOAD: 13:38:43 *
* CONDITION CODE:   00004  PERFORMANCE GROUP: 004
*
* JES2 CARDS:          0      SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               841          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 *
* 253/D3350          0  253/D3350          0  370/D3375          6  252/D3350          6  380/D3380          9  251/D3350          5 *
* 252/D3350         119 184/D3380          2 180/D3380          0
*****
IEF236I ALLOC. FOR COBUCL3 LKED COBUCL
IEF237I 252  ALLOCATED TO SYSLIN
IEF237I JES2  ALLOCATED TO
IEF237I 180  ALLOCATED TO SYSLMOD
IEF237I 180  ALLOCATED TO SYS00374
IEF237I 253  ALLOCATED TO SYSLIB
IEF237I 253  ALLOCATED TO
IEF237I 253  ALLOCATED TO SYS00376
IEF237I 370  ALLOCATED TO SYSUT1
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IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I COBUCL3 LKED COBUCL - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS21363.T133843.RA000.COBUCL3.LOADSET      DELETED      *-----120
IEF285I   VOL SER NOS= WORK01.
IEF285I   JES2.JOB00954.SI0101                      SYSIN
IEF285I   JAY01.LOAD                                KEPT              *-----9
IEF285I   VOL SER NOS= PUB000.
IEF285I   UCPUB000                                KEPT              *-----0
IEF285I   VOL SER NOS= PUB000.
IEF285I   SYSC.COBLIB                              KEPT              *-----18
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   SYSC.COBLIB                              KEPT              *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                                KEPT              *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   SYS21363.T133843.RA000.COBUCL3.R0000005    DELETED      *-----0
IEF285I   VOL SER NOS= MVS370.
IEF285I   JES2.JOB00954.S00103                      SYSOUT
IEF373I STEP /LKED      / START 21363.1338
IEF374I STEP /LKED      / STOP  21363.1338 CPU      0MIN 00.02SEC SRB      0MIN 00.01SEC VIRT      96K SYS      184K
*****
*
* STEP NUMBER:          2  USER CORE:          96K  START TIME:    13:38:43      CPU TIME:      00:00:00.03  ACTIVE TIME:  00:00:00.03 *
* STEP NAME:           LKED  SYSTEM CORE:       184K  STOP TIME:     13:38:43      SRB TIME:      00:00:00.01  ALLOC TIME:   13:38:43 *
* PROGRAM NAME:        IEWL  REGION SIZE:        96K  ELAPSED TIME: 00:00:00.06  TCB TIME:      00:00:00.02  PROGRAM LOAD: 13:38:43 *
* CONDITION CODE:      00000  PERFORMANCE GROUP: 004
* JES2 CARDS:          0      SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               770          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 *
* 252/D3350          120 180/D3380          9 180/D3380          0 253/D3350          18 253/D3350          0 253/D3350          0 *
* 370/D3375           0
*****
IEF236I ALLOC. FOR COBUCL3 COMPCODE
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I COBUCL3 COMPCODE - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00954.S00104                      SYSOUT
IEF373I STEP /COMPCODE/ START 21363.1338
IEF374I STEP /COMPCODE/ STOP  21363.1338 CPU      0MIN 00.00SEC SRB      0MIN 00.00SEC VIRT      16K SYS      168K
*****
*
* STEP NUMBER:          3  USER CORE:          16K  START TIME:    13:38:43      CPU TIME:      00:00:00.00  ACTIVE TIME:  00:00:00.01 *
* STEP NAME:           COMPCODE  SYSTEM CORE:      168K  STOP TIME:     13:38:43      SRB TIME:      00:00:00.00  ALLOC TIME:   13:38:43 *
* PROGRAM NAME:        COMPCODE  REGION SIZE:      512K  ELAPSED TIME: 00:00:00.01  TCB TIME:      00:00:00.00  PROGRAM LOAD: 13:38:43 *
* CONDITION CODE:      00000  PERFORMANCE GROUP: 004
* JES2 CARDS:          0      SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                               21          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 *
*****
IEF375I JOB /COBUCL3/ START 21363.1338
IEF376I JOB /COBUCL3/ STOP  21363.1338 CPU      0MIN 00.10SEC SRB      0MIN 00.03SEC

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00001 000100 IDENTIFICATION DIVISION.
00002 000200 PROGRAM-ID. ISREPT2.
00003 000300 AUTHOR. JAY MOSELEY.
00004 000400 DATE-WRITTEN. DECEMBER, 2021.
00005 000500 DATE-COMPILED. DEC 29, 2021
00006 000600 REMARKS. READS DATA RECORDS FROM ISAM DATASET AND PRODUCES A SIMPLE
00007 000700 REPORT IN AN ALTERNATE SEQUENCE.
00008 000800*
00009 000900 ENVIRONMENT DIVISION.
00010 001000 CONFIGURATION SECTION.
00011 001100 SOURCE-COMPUTER. IBM-370.
00012 001200 OBJECT-COMPUTER. IBM-370.
00013 001300 INPUT-OUTPUT SECTION.
00014 001400 FILE-CONTROL.
00015 001500*
00016 001600     SELECT ISAM-MASTER
00017 001700           ASSIGN TO DA-I-MASTER
00018 001800           ACCESS IS SEQUENTIAL
00019 001900           RECORD KEY IS MR-ID.
00020 002000*
00021 002100     SELECT SORT-FILE
00022 002200           ASSIGN TO DA-S-SORTFILE.
00023 002300*
00024 002400     SELECT REPORT-FILE
00025 002500           ASSIGN TO UR-S-REPORT.
00026 002600*
00027 002700 DATA DIVISION.
00028 002800 FILE SECTION.
00029 002900*
00030 003000 FD  ISAM-MASTER
00031 003100     LABEL RECORDS ARE STANDARD
00032 003200     BLOCK CONTAINS 0 RECORDS
00033 003300     DATA RECORD IS MASTER-RECD.
00034 003400 01  MASTER-RECD.
00035 003500     02  MR-DELETE-CODE          PIC X.
00036 003600     02  MR-ID                   PIC 9(7).
00037 003700     02  MR-FIRST-NAME           PIC X(15).
00038 003800     02  MR-INITIAL              PIC X.
00039 003900     02  MR-LAST-NAME            PIC X(20).
00040 004000     02  MR-STREET              PIC X(35).
00041 004100     02  MR-CITY-STATE-ZIP       PIC X(35).
00042 004200     02  MR-GENDER-CODE         PIC X.
00043 004300     02  MR-TELEPHONE            PIC X(10).
00044 004400     02  FILLER                  REDEFINES MR-TELEPHONE.
00045 004500         03  MR-TELEPHONE-A      PIC 9(3).
00046 004600         03  MR-TELEPHONE-P      PIC 9(3).
00047 004700         03  MR-TELEPHONE-N      PIC 9(4).
00048 004800     02  MR-DATE-1              PIC X(8).
00049 004900     02  FILLER                  REDEFINES MR-DATE-1.
00050 005000         03  MR-DATE-1M          PIC 9(2).
00051 005100         03  MR-DATE-1D          PIC 9(2).
00052 005200         03  MR-DATE-1Y          PIC 9(4).
00053 005300     02  MR-DATE-2              PIC X(8).
00054 005400     02  FILLER                  REDEFINES MR-DATE-2.
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00055	005500		03	MR-DATE-2M	PIC 9(2).
00056	005600		03	MR-DATE-2D	PIC 9(2).
00057	005700		03	MR-DATE-2Y	PIC 9(4).
00058	005800	02		MR-DATE-3	PIC X(8).
00059	005900	02		FILLER	REDEFINES MR-DATE-3.
00060	006000		03	MR-DATE-3M	PIC 9(2).
00061	006100		03	MR-DATE-3D	PIC 9(2).
00062	006200		03	MR-DATE-3Y	PIC 9(4).
00063	006300	02		MR-SORT-NAME	PIC X(36).
00064	006400	02		FILLER	PIC X(15).
00065	006500*				
00066	006600	SD		SORT-FILE	
00067	006700			RECORD CONTAINS 200 CHARACTERS	
00068	006800			DATA RECORD IS SORT-RECD.	
00069	006900	01		SORT-RECD.	
00070	007000	02		SR-DELETE-CODE	PIC X.
00071	007100	02		SR-ID	PIC 9(7).
00072	007200	02		SR-FIRST-NAME	PIC X(15).
00073	007300	02		SR-INITIAL	PIC X.
00074	007400	02		SR-LAST-NAME	PIC X(20).
00075	007500	02		SR-STREET	PIC X(35).
00076	007600	02		SR-CITY-STATE-ZIP	PIC X(35).
00077	007700	02		SR-GENDER-CODE	PIC X.
00078	007800	02		SR-TELEPHONE	PIC X(10).
00079	007900	02		FILLER	REDEFINES SR-TELEPHONE.
00080	008000		03	SR-TELEPHONE-A	PIC 9(3).
00081	008100		03	SR-TELEPHONE-P	PIC 9(3).
00082	008200		03	SR-TELEPHONE-N	PIC 9(4).
00083	008300	02		SR-DATE-1	PIC X(8).
00084	008400	02		FILLER	REDEFINES SR-DATE-1.
00085	008500		03	SR-DATE-1M	PIC 9(2).
00086	008600		03	SR-DATE-1D	PIC 9(2).
00087	008700		03	SR-DATE-1Y	PIC 9(4).
00088	008800	02		SR-DATE-2	PIC X(8).
00089	008900	02		FILLER	REDEFINES SR-DATE-2.
00090	009000		03	SR-DATE-2M	PIC 9(2).
00091	009100		03	SR-DATE-2D	PIC 9(2).
00092	009200		03	SR-DATE-2Y	PIC 9(4).
00093	009300	02		SR-DATE-3	PIC X(8).
00094	009400	02		FILLER	REDEFINES SR-DATE-3.
00095	009500		03	SR-DATE-3M	PIC 9(2).
00096	009600		03	SR-DATE-3D	PIC 9(2).
00097	009700		03	SR-DATE-3Y	PIC 9(4).
00098	009800	02		SR-SORT-NAME	PIC X(36).
00099	009900	02		FILLER	PIC X(15).
00100	010000*				
00101	010100	FD		REPORT-FILE	
00102	010200			LABEL RECORDS ARE OMITTED	
00103	010300			BLOCK CONTAINS 0 RECORDS	
00104	010400			REPORT IS ALTERNATE-KEY-REPORT.	
00105	010500*				
00106	010600			WORKING-STORAGE SECTION.	
00107	010700	01		ISAM-FILE-END-SWITCH	PIC X VALUE 'N'.
00108	010800	88		ISAM-FILE-END	VALUE 'Y'.
00109	010900	01		SORT-FILE-END-SWITCH	PIC X VALUE 'N'.
00110	011000	88		SORT-FILE-END	VALUE 'Y'.
00111	011100	01		RECORD-COUNTERS	USAGE IS COMP-3.

00112	011200	02	INPUT-RECORD-COUNT	PIC S9(5) VALUE +0.
00113	011300	02	SORTED-RECORD-COUNT	PIC S9(5) VALUE +0.
00114	011400*			
00115	011500		REPORT SECTION.	
00116	011600	RD	ALTERNATE-KEY-REPORT	
00117	011700		CONTROLS IS FINAL	
00118	011800		PAGE LIMIT IS 60 LINES	
00119	011900		FIRST DETAIL 3	
00120	012000		LAST DETAIL 55.	
00121	012100*			
00122	012200	01	HEADING-ON-PAGE	TYPE IS PAGE HEADING.
00123	012300	02	LINE 1.	
00124	012400*			
00125	012500	01	RECORD-DETAIL	TYPE IS DETAIL.
00126	012600	02	LINE PLUS 1.	
00127	012700	03	COLUMN 01	PIC X
00128	012800			SOURCE IS SR-DELETE-CODE.
00129	012900	03	COLUMN 03	PIC 9(7)
00130	013000			SOURCE IS SR-ID.
00131	013100	03	COLUMN 11	PIC X(15)
00132	013200			SOURCE IS SR-FIRST-NAME.
00133	013300	03	COLUMN 27	PIC X
00134	013400			SOURCE IS SR-INITIAL.
00135	013500	03	COLUMN 29	PIC X(20)
00136	013600			SOURCE IS SR-LAST-NAME.
00137	013700	03	COLUMN 50	PIC X(35)
00138	013800			SOURCE IS SR-STREET.
00139	013900	03	COLUMN 86	PIC X
00140	014000			SOURCE IS SR-GENDER-CODE.
00141	014100	03	COLUMN 88	PIC X
00142	014200			VALUE '('.
00143	014300	03	COLUMN 89	PIC 9(3)
00144	014400			SOURCE IS SR-TELEPHONE-A.
00145	014500	03	COLUMN 92	PIC X
00146	014600			VALUE ') '.
00147	014700	03	COLUMN 93	PIC 9(3)
00148	014800			SOURCE IS SR-TELEPHONE-P.
00149	014900	03	COLUMN 96	PIC X
00150	015000			VALUE '- '.
00151	015100	03	COLUMN 97	PIC 9(4)
00152	015200			SOURCE IS SR-TELEPHONE-N.
00153	015300	03	COLUMN 102	PIC 9(2)
00154	015400			SOURCE IS SR-DATE-1M.
00155	015500	03	COLUMN 104	PIC X
00156	015600			VALUE '/ '.
00157	015700	03	COLUMN 105	PIC 9(2)
00158	015800			SOURCE IS SR-DATE-1D.
00159	015900	03	COLUMN 107	PIC X
00160	016000			VALUE '/ '.
00161	016100	03	COLUMN 108	PIC 9(4)
00162	016200			SOURCE IS SR-DATE-1Y.
00163	016300	03	COLUMN 113	PIC 9(2)
00164	016400			SOURCE IS SR-DATE-2M.
00165	016500	03	COLUMN 115	PIC X
00166	016600			VALUE '/ '.
00167	016700	03	COLUMN 116	PIC 9(2)
00168	016800			SOURCE IS SR-DATE-2D.

00169	016900	03	COLUMN 118	PIC X
00170	017000			VALUE '/'.
00171	017100	03	COLUMN 119	PIC 9(4)
00172	017200			SOURCE IS SR-DATE-2Y.
00173	017300	02	LINE PLUS 1.	
00174	017400	03	COLUMN 11	PIC X(36)
00175	017500			SOURCE IS SR-SORT-NAME.
00176	017600	03	COLUMN 50	PIC X(35)
00177	017700			SOURCE IS SR-CITY-STATE-ZIP.
00178	017800	03	COLUMN 102	PIC 9(2)
00179	017900			SOURCE IS SR-DATE-3M.
00180	018000	03	COLUMN 104	PIC X
00181	018100			VALUE '/'.
00182	018200	03	COLUMN 105	PIC 9(2)
00183	018300			SOURCE IS SR-DATE-3D.
00184	018400	03	COLUMN 107	PIC X
00185	018500			VALUE '/'.
00186	018600	03	COLUMN 108	PIC 9(4)
00187	018700			SOURCE IS SR-DATE-3Y.
00188	018800	02	LINE PLUS 1.	
00189	018900*			
00190	019000	01	REPORT-FOOTING	TYPE IS CONTROL FOOTING FINAL.
00191	019100	02	LINE NEXT PAGE.	
00192	019200	03	COLUMN 01	PIC ZZ,ZZ9
00193	019300			SOURCE IS INPUT-RECORD-COUNT.
00194	019400	03	COLUMN 08	PIC X(22)
00195	019500			VALUE 'RECORDS READ FROM FILE'.
00196	019600	02	LINE PLUS 1.	
00197	019700	03	COLUMN 01	PIC ZZ,ZZ9
00198	019800			SOURCE IS SORTED-RECORD-COUNT.
00199	019900	03	COLUMN 08	PIC X(26)
00200	020000			VALUE
00201	020100			'RECORDS RETURNED FROM SORT'.
00202	020200*			
00203	020300		PROCEDURE DIVISION.	
00204	020400*			
00205	020500		MAIN-LOGIC SECTION.	
00206	020600*			
00207	020700		SORT-ISAM-MASTER.	
00208	020800*			
00209	020900		SORT SORT-FILE	
00210	021000		ON ASCENDING KEY SR-SORT-NAME	
00211	021100		INPUT PROCEDURE IS SORT-RELEASE-PROCEDURE	
00212	021200		OUTPUT PROCEDURE IS REPORT-PROCEDURE.	
00213	021300		GOBACK.	
00214	021400*			
00215	021500		READ-ISAM-MASTER.	
00216	021600*			
00217	021700		READ ISAM-MASTER	
00218	021800		AT END	
00219	021900		MOVE 'Y' TO ISAM-FILE-END-SWITCH.	
00220	022000		IF NOT ISAM-FILE-END	
00221	022100		ADD 1 TO INPUT-RECORD-COUNT	
00222	022200		RELEASE SORT-RECD FROM MASTER-RECD.	
00223	022300*			
00224	022400		READ-ISAM-MASTER-EXIT.	
00225	022500		EXIT.	

```
00226 022600*
00227 022700 RETURN-SORTED-RECORD.
00228 022800*
00229 022900     RETURN SORT-FILE
00230 023000         AT END
00231 023100             MOVE 'Y' TO SORT-FILE-END-SWITCH.
00232 023200     IF NOT SORT-FILE-END
00233 023300         ADD 1 TO SORTED-RECORD-COUNT
00234 023400         GENERATE RECORD-DETAIL
00235 023500     .
00236 023600*
00237 023700 RETURN-SORTED-RECORD-EXIT.
00238 023800     EXIT.
00239 023900*
00240 024000 SORT-RELEASE-PROCEDURE SECTION.
00241 024100*
00242 024200     OPEN INPUT ISAM-MASTER.
00243 024300     PERFORM READ-ISAM-MASTER
00244 024400         THRU READ-ISAM-MASTER-EXIT
00245 024500         UNTIL ISAM-FILE-END.
00246 024600     CLOSE ISAM-MASTER.
00247 024700*
00248 024800 REPORT-PROCEDURE SECTION.
00249 024900*
00250 025000     OPEN OUTPUT REPORT-FILE.
00251 025100*
00252 025200     INITIATE ALTERNATE-KEY-REPORT.
00253 025300     PERFORM RETURN-SORTED-RECORD
00254 025400         THRU RETURN-SORTED-RECORD-EXIT
00255 025500         UNTIL SORT-FILE-END.
00256 025600     TERMINATE ALTERNATE-KEY-REPORT.
00257 025700*
00258 025800     CLOSE REPORT-FILE.
00259 025900*
00260 026000* END OF PROGRAM ISREPT2.
```

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-252	FD	ISAM-MASTER	DCB=01		DNM=1-252		QISAM				F
DNM=1-279	01	MASTER-RECD	BL=1	000	DNM=1-279	DS 0CL200	GROUP				
DNM=1-303	02	MR-DELETE-CODE	BL=1	000	DNM=1-303	DS 1C	DISP				
DNM=1-327	02	MR-ID	BL=1	001	DNM=1-327	DS 7C	DISP-NM				
DNM=1-342	02	MR-FIRST-NAME	BL=1	008	DNM=1-342	DS 15C	DISP				
DNM=1-365	02	MR-INITIAL	BL=1	017	DNM=1-365	DS 1C	DISP				
DNM=1-385	02	MR-LAST-NAME	BL=1	018	DNM=1-385	DS 20C	DISP				
DNM=1-407	02	MR-STREET	BL=1	02C	DNM=1-407	DS 35C	DISP				
DNM=1-426	02	MR-CITY-STATE-ZIP	BL=1	04F	DNM=1-426	DS 35C	DISP				
DNM=1-453	02	MR-GENDER-CODE	BL=1	072	DNM=1-453	DS 1C	DISP				
DNM=1-477	02	MR-TELEPHONE	BL=1	073	DNM=1-477	DS 10C	DISP				
DNM=2-000	02	FILLER	BL=1	073	DNM=2-000	DS 0CL10	GROUP	R			
DNM=2-019	03	MR-TELEPHONE-A	BL=1	073	DNM=2-019	DS 3C	DISP-NM				
DNM=2-043	03	MR-TELEPHONE-P	BL=1	076	DNM=2-043	DS 3C	DISP-NM				
DNM=2-067	03	MR-TELEPHONE-N	BL=1	079	DNM=2-067	DS 4C	DISP-NM				
DNM=2-091	02	MR-DATE-1	BL=1	07D	DNM=2-091	DS 8C	DISP				
DNM=2-110	02	FILLER	BL=1	07D	DNM=2-110	DS 0CL8	GROUP	R			
DNM=2-132	03	MR-DATE-1M	BL=1	07D	DNM=2-132	DS 2C	DISP-NM				
DNM=2-152	03	MR-DATE-1D	BL=1	07F	DNM=2-152	DS 2C	DISP-NM				
DNM=2-172	03	MR-DATE-1Y	BL=1	081	DNM=2-172	DS 4C	DISP-NM				
DNM=2-192	02	MR-DATE-2	BL=1	085	DNM=2-192	DS 8C	DISP				
DNM=2-211	02	FILLER	BL=1	085	DNM=2-211	DS 0CL8	GROUP	R			
DNM=2-233	03	MR-DATE-2M	BL=1	085	DNM=2-233	DS 2C	DISP-NM				
DNM=2-253	03	MR-DATE-2D	BL=1	087	DNM=2-253	DS 2C	DISP-NM				
DNM=2-273	03	MR-DATE-2Y	BL=1	089	DNM=2-273	DS 4C	DISP-NM				
DNM=2-293	02	MR-DATE-3	BL=1	08D	DNM=2-293	DS 8C	DISP				
DNM=2-312	02	FILLER	BL=1	08D	DNM=2-312	DS 0CL8	GROUP	R			
DNM=2-334	03	MR-DATE-3M	BL=1	08D	DNM=2-334	DS 2C	DISP-NM				
DNM=2-354	03	MR-DATE-3D	BL=1	08F	DNM=2-354	DS 2C	DISP-NM				
DNM=2-374	03	MR-DATE-3Y	BL=1	091	DNM=2-374	DS 4C	DISP-NM				
DNM=2-394	02	MR-SORT-NAME	BL=1	095	DNM=2-394	DS 36C	DISP				
DNM=2-416	02	FILLER	BL=1	0B9	DNM=2-416	DS 15C	DISP				
DNM=2-435	SD	SORT-FILE			DNM=2-435						F
DNM=2-456	01	SORT-RECD	BLL=3	000	DNM=2-456	DS 0CL200	GROUP				
DNM=2-478	02	SR-DELETE-CODE	BLL=3	000	DNM=2-478	DS 1C	DISP				
DNM=3-000	02	SR-ID	BLL=3	001	DNM=3-000	DS 7C	DISP-NM				
DNM=3-015	02	SR-FIRST-NAME	BLL=3	008	DNM=3-015	DS 15C	DISP				
DNM=3-041	02	SR-INITIAL	BLL=3	017	DNM=3-041	DS 1C	DISP				
DNM=3-061	02	SR-LAST-NAME	BLL=3	018	DNM=3-061	DS 20C	DISP				
DNM=3-083	02	SR-STREET	BLL=3	02C	DNM=3-083	DS 35C	DISP				
DNM=3-102	02	SR-CITY-STATE-ZIP	BLL=3	04F	DNM=3-102	DS 35C	DISP				
DNM=3-129	02	SR-GENDER-CODE	BLL=3	072	DNM=3-129	DS 1C	DISP				
DNM=3-153	02	SR-TELEPHONE	BLL=3	073	DNM=3-153	DS 10C	DISP				
DNM=3-178	02	FILLER	BLL=3	073	DNM=3-178	DS 0CL10	GROUP	R			
DNM=3-200	03	SR-TELEPHONE-A	BLL=3	073	DNM=3-200	DS 3C	DISP-NM				
DNM=3-224	03	SR-TELEPHONE-P	BLL=3	076	DNM=3-224	DS 3C	DISP-NM				
DNM=3-248	03	SR-TELEPHONE-N	BLL=3	079	DNM=3-248	DS 4C	DISP-NM				
DNM=3-272	02	SR-DATE-1	BLL=3	07D	DNM=3-272	DS 8C	DISP				
DNM=3-294	02	FILLER	BLL=3	07D	DNM=3-294	DS 0CL8	GROUP	R			
DNM=3-316	03	SR-DATE-1M	BLL=3	07D	DNM=3-316	DS 2C	DISP-NM				
DNM=3-336	03	SR-DATE-1D	BLL=3	07F	DNM=3-336	DS 2C	DISP-NM				
DNM=3-359	03	SR-DATE-1Y	BLL=3	081	DNM=3-359	DS 4C	DISP-NM				
DNM=3-379	02	SR-DATE-2	BLL=3	085	DNM=3-379	DS 8C	DISP				
DNM=3-398	02	FILLER	BLL=3	085	DNM=3-398	DS 0CL8	GROUP	R			
DNM=3-420	03	SR-DATE-2M	BLL=3	085	DNM=3-420	DS 2C	DISP-NM				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=3-440	03	SR-DATE-2D	BLL=3	087	DNM=3-440	DS 2C	DISP-NM				
DNM=3-460	03	SR-DATE-2Y	BLL=3	089	DNM=3-460	DS 4C	DISP-NM				
DNM=3-480	02	SR-DATE-3	BLL=3	08D	DNM=3-480	DS 8C	DISP				
DNM=4-000	02	FILLER	BLL=3	08D	DNM=4-000	DS 0CL8	GROUP	R			
DNM=4-022	03	SR-DATE-3M	BLL=3	08D	DNM=4-022	DS 2C	DISP-NM				
DNM=4-042	03	SR-DATE-3D	BLL=3	08F	DNM=4-042	DS 2C	DISP-NM				
DNM=4-062	03	SR-DATE-3Y	BLL=3	091	DNM=4-062	DS 4C	DISP-NM				
DNM=4-082	02	SR-SORT-NAME	BLL=3	095	DNM=4-082	DS 36C	DISP				
DNM=4-104	02	FILLER	BLL=3	0B9	DNM=4-104	DS 15C	DISP				
DNM=4-123	FD	REPORT-FILE	DCB=02		DNM=4-123		QSAM			F	
DNM=4-147	01	-0001	BL=2	000	DNM=4-147	DS 133C	DISP				
DNM=4-162	01	ISAM-FILE-END-SWITCH	BL=3	000	DNM=4-162	DS 1C	DISP				
DNM=4-195	88	ISAM-FILE-END			DNM=4-195						
DNM=4-219	01	SORT-FILE-END-SWITCH	BL=3	008	DNM=4-219	DS 1C	DISP				
DNM=4-252	88	SORT-FILE-END			DNM=4-252						
DNM=4-276	01	RECORD-COUNTERS	BL=3	010	DNM=4-276	DS 0CL6	GROUP				
DNM=4-304	02	INPUT-RECORD-COUNT	BL=3	010	DNM=4-304	DS 3P	COMP-3				
DNM=4-332	02	SORTED-RECORD-COUNT	BL=3	013	DNM=4-332	DS 3P	COMP-3				
DNM=4-361	01	PRINT-SWITCH	BL=3	018	DNM=4-361	DS 1C	DISP-NM				
DNM=4-383	RD	ALTERNATE-KEY-REPORT			DNM=4-383						
DNM=4-418	01	CTL.LVL	BL=3	020	DNM=4-418	DS 2P	COMP-3				
DNM=4-435	01	TER.COD	BL=3	028	DNM=4-435	DS 1C	DISP				
DNM=4-452	01	FRS.GEN	BL=3	030	DNM=4-452	DS 1C	DISP				
DNM=4-469	01	LIN.SAV	BL=3	038	DNM=4-469	DS 2C	COMP				
DNM=4-486	01	FRS.GRP	BL=3	040	DNM=4-486	DS 1C	DISP				
DNM=5-000	01	ABS.LIN	BL=3	048	DNM=5-000	DS 2C	COMP				
DNM=5-017	01	LIN.NUM	BL=3	050	DNM=5-017	DS 2P	COMP-3				
DNM=5-037	01	LINE-COUNTER	BL=3	058	DNM=5-037	DS 3P	COMP-3				
DNM=5-059	01	PAGE-COUNTER	BL=3	060	DNM=5-059	DS 3P	COMP-3				
DNM=5-081	01	RPT.RCD	BL=3	068	DNM=5-081	DS 0CL133	GROUP				
DNM=5-101	02	CTL.CHR	BL=3	068	DNM=5-101	DS 1C	DISP				
DNM=5-118	02	RPT.LIN	BL=3	069	DNM=5-118	DS 132C	DISP				
DNM=5-135	02	E.0001	BL=3	069	DNM=5-135	DS 1C	DISP	R			
DNM=5-151	02	E.0002	BL=3	06B	DNM=5-151	DS 7C	DISP-NM	R			
DNM=5-167	02	E.0003	BL=3	073	DNM=5-167	DS 15C	DISP	R			
DNM=5-183	02	E.0004	BL=3	083	DNM=5-183	DS 1C	DISP	R			
DNM=5-199	02	E.0005	BL=3	085	DNM=5-199	DS 20C	DISP	R			
DNM=5-215	02	E.0006	BL=3	09A	DNM=5-215	DS 35C	DISP	R			
DNM=5-231	02	E.0007	BL=3	0BE	DNM=5-231	DS 1C	DISP	R			
DNM=5-247	02	E.0008	BL=3	0C0	DNM=5-247	DS 1C	DISP	R			
DNM=5-263	02	E.0009	BL=3	0C1	DNM=5-263	DS 3C	DISP-NM	R			
DNM=5-279	02	E.0010	BL=3	0C4	DNM=5-279	DS 1C	DISP	R			
DNM=5-295	02	E.0011	BL=3	0C5	DNM=5-295	DS 3C	DISP-NM	R			
DNM=5-311	02	E.0012	BL=3	0C8	DNM=5-311	DS 1C	DISP	R			
DNM=5-327	02	E.0013	BL=3	0C9	DNM=5-327	DS 4C	DISP-NM	R			
DNM=5-343	02	E.0014	BL=3	0CE	DNM=5-343	DS 2C	DISP-NM	R			
DNM=5-359	02	E.0015	BL=3	0D0	DNM=5-359	DS 1C	DISP	R			
DNM=5-378	02	E.0016	BL=3	0D1	DNM=5-378	DS 2C	DISP-NM	R			
DNM=5-394	02	E.0017	BL=3	0D3	DNM=5-394	DS 1C	DISP	R			
DNM=5-410	02	E.0018	BL=3	0D4	DNM=5-410	DS 4C	DISP-NM	R			
DNM=5-429	02	E.0019	BL=3	0D9	DNM=5-429	DS 2C	DISP-NM	R			
DNM=5-448	02	E.0020	BL=3	0DB	DNM=5-448	DS 1C	DISP	R			
DNM=5-464	02	E.0021	BL=3	0DC	DNM=5-464	DS 2C	DISP-NM	R			
DNM=5-480	02	E.0022	BL=3	0DE	DNM=5-480	DS 1C	DISP	R			
DNM=6-000	02	E.0023	BL=3	0DF	DNM=6-000	DS 4C	DISP-NM	R			

INTRNL NAME	LVL	SOURCE	NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=6-016	02	E.0024		BL=3	073	DNM=6-016	DS 36C	DISP	R			
DNM=6-032	02	E.0025		BL=3	09A	DNM=6-032	DS 35C	DISP	R			
DNM=6-048	02	E.0026		BL=3	0CE	DNM=6-048	DS 2C	DISP-NM	R			
DNM=6-064	02	E.0027		BL=3	0D0	DNM=6-064	DS 1C	DISP	R			
DNM=6-080	02	E.0028		BL=3	0D1	DNM=6-080	DS 2C	DISP-NM	R			
DNM=6-096	02	E.0029		BL=3	0D3	DNM=6-096	DS 1C	DISP	R			
DNM=6-115	02	E.0030		BL=3	0D4	DNM=6-115	DS 4C	DISP-NM	R			
DNM=6-131	02	E.0031		BL=3	069	DNM=6-131	DS 6C	NM-EDIT	R			
DNM=6-158	02	E.0032		BL=3	070	DNM=6-158	DS 22C	DISP	R			
DNM=6-174	02	E.0033		BL=3	069	DNM=6-174	DS 6C	NM-EDIT	R			
DNM=6-201	02	E.0034		BL=3	070	DNM=6-201	DS 26C	DISP	R			
DNM=6-217	01	N.0001		BL=3	0F0	DNM=6-217	DS 2C	COMP				
DNM=6-233	01	GRP.IND		BL=3	0F8	DNM=6-233	DS 0CL1	GROUP				
DNM=6-253	02	GP.0000		BL=3	0F8	DNM=6-253	DS 1C	DISP				

```
*STATISTICS*      SOURCE RECORDS =    260      DATA DIVISION STATEMENTS =    76      PROCEDURE DIVISION STATEMENTS =    22
*OPTIONS IN EFFECT*  SIZE = 2097152  BUF = 1048576  LINECNT = 57  SPACE1, FLAGW,   SEQ,   SOURCE
*OPTIONS IN EFFECT*      DMAP, NOPMAP, NOCLIST,   SUPMAP, NOXREF,   LOAD, NODECK, APOST, NOTRUNC, NOLIB, NOVERB
*OPTIONS IN EFFECT*      ZWB
```

CARD ERROR MESSAGE

235 IKF1080I-W PERIOD PRECEDED BY SPACE. ASSUME END OF SENTENCE.

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F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,XREF,LET
      DEFAULT OPTION(S) USED -  SIZE=(65536,38912)
IEW0000      NAME ISREPT2(R)                                00001302

```

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
ISREPT2	00	1202								
ILB0SPA0*	1208	2D8								
ILB0SRT0*	14E0	3D4								
ILB0STP0*	18B8	35								
			ILB0STP1	18CE						

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
6A0	ILBOSTP0	ILBOSTP0	6A4	ILBOSPA0	ILBOSPA0
6A8	ILBOSRT0	ILBOSRT0	6AC	ILBOSTP1	ILBOSTP0

ENTRY	ADDRESS	00
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```
TOTAL LENGTH      18F0
***ISREPT2      NOW REPLACED IN DATA SET
AUTHORIZATION CODE IS      0.
```

