

J E S 2 J O B L O G

13.37.29 JOB 952 \$HASP373 COBUCL1 STARTED - INIT 1 - CLASS A - SYS HMVS
13.37.29 JOB 952 IEF403I COBUCL1 - STARTED - TIME=13.37.29
13.37.29 JOB 952 IEC130I SYSLIB DD STATEMENT MISSING
13.37.29 JOB 952 IEFACTRT COB /IKFCBL00/00:00:00.07/00:00:00.14/00000/COBUCL1
13.37.29 JOB 952 IEC130I SYSPUNCH DD STATEMENT MISSING
13.37.29 JOB 952 IEC130I SYSLIB DD STATEMENT MISSING
13.37.29 JOB 952 IEC130I SYSPUNCH DD STATEMENT MISSING
13.37.29 JOB 952 IEFACTRT COB /IKFCBL00/00:00:00.06/00:00:00.11/00000/COBUCL1
13.37.29 JOB 952 IEFACTRT LKED /IEWL /00:00:00.03/00:00:00.05/00000/COBUCL1
13.37.29 JOB 952 SE 'COBUCL1 (J 952)- COBUC .COB ENDED, CODE 0000, 21.363 13:37:29',USER=(JAY01),LOGON
13.37.29 JOB 952 SE 'COBUCL1 (J 952)- COBUCL .COB ENDED, CODE 0000, 21.363 13:37:29',USER=(JAY01),LOGON
13.37.29 JOB 952 SE 'COBUCL1 (J 952)- COBUCL .LKED ENDED, CODE 0000, 21.363 13:37:29',USER=(JAY01),LOGON
13.37.29 JOB 952 IEFACTRT COMPCODE/COMPCODE/00:00:00.01/00:00:00.02/00000/COBUCL1
13.37.29 JOB 952 IEF404I COBUCL1 - ENDED - TIME=13.37.29
13.37.29 JOB 952 \$HASP395 COBUCL1 ENDED

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

29 DEC 21 JOB EXECUTION DATE

20 CARDS READ

575 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1	//COBUCL1 JOB (001), 'COBOL COMPILE', CLASS=A, MSGCLASS=X	JOB 952
	***	00000203
	*** ***** *	00000303
	*** * COMPILE MAIN PROGRAM -ISLOAD- AND SUBPROGRAM -SORTNAME- AND *	00000403
	*** * LINK INTO LOAD MODULE -ISLOAD- *	00000503
	*** ***** *	00000603
2	//COBUC EXEC COBUC, CPARM1='NODECK, LOAD, DMAP, SUPMAP'	00000700
3	XXCOBUC PROC CPARM1='DECK, NOLOAD, SUPMAP',	100010000
	XX CPARM2='SIZE=2048K, BUF=1024K'	00020000
4	XXCOB EXEC PGM=IKFCBL00, REGION=4096K,	00040000
	XX PARM='&CPARM1, &CPARM2'	00050000
5	XXSTEPLIB DD DSN=SYSC.LINKLIB, DISP=SHR	00051000
6	XXSYSPRINT DD SYSOUT=*	00060000
7	XXSYSPUNCH DD SYSOUT=B	00070000
8	XXSYSUT1 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00080000
9	XXSYSUT2 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00090000
10	XXSYSUT3 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00100000
11	XXSYSUT4 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00110000
12	//COB.SYSIN DD DISP=SHR, DSN=JAY01.ISAM.COBOL(ISLOAD)	00000800
13	//COB.SYSLIN DD DSN=&LOADSET, DISP=(MOD, PASS), UNIT=SYSDA,	00000900
	// SPACE=(80, (500, 100))	00001000
14	//COBUCL EXEC COBUCL, CPARM1='NODECK, LOAD, DMAP, SUPMAP'	00001100
15	XXCOBUCL PROC CPARM1='LOAD, SUPMAP',	100010000
	XX CPARM2='SIZE=2048K, BUF=1024K'	00020000
16	XXCOB EXEC PGM=IKFCBL00, REGION=4096K,	00040001
	XX PARM='&CPARM1, &CPARM2'	00050001
17	XXSTEPLIB DD DSN=SYSC.LINKLIB, DISP=SHR	00051001
18	XXSYSPRINT DD SYSOUT=*	00060000
19	XXSYSUT1 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00070000
20	XXSYSUT2 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00080000
21	XXSYSUT3 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00090000
22	XXSYSUT4 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00100000
23	XXSYSLIN DD DSN=&LOADSET, DISP=(MOD, PASS), UNIT=SYSDA,	00110000
	XX SPACE=(80, (500, 100))	00120000
24	//COB.SYSIN DD DISP=SHR, DSN=JAY01.ISAM.COBOL(SORTNAME)	00001200
25	XXLKED EXEC PGM=IEWL, PARM='LIST, XREF, LET', COND=(5, LT, COB), REGION=96K	00130000
26	XXSYSLIN DD DSN=&LOADSET, DISP=(OLD, DELETE)	00140000
27	XX DD DDNAME=SYSIN	00150000
28	//LKED.SYSLMOD DD DISP=MOD, DSN=JAY01.LOAD <<- TARGET	00001302
	X/SYSLMOD DD DDNAME=SYSLMOD	00160000
29	//LKED.SYSLIB DD	00001400
	X/SYSLIB DD DSN=SYSC.COBLIB, DISP=SHR	00170000
30	// DD DISP=SHR, DSN=SYSC.COBLIB	00001500
31	XXSYSUT1 DD UNIT=SYSDA, SPACE=(1024, (50, 20))	00180000
32	XXSYSPRINT DD SYSOUT=*	00190000
33	//LKED.SYSIN DD *	00001600
34	//COMPCODE EXEC PGM=COMPCODE, COND=EVEN,	00001800
	// PARM='USER=(JAY01)'	00001900
35	//SYSPRINT DD SYSOUT=*	00002000

STMT NO. MESSAGE

4 IEF653I SUBSTITUTION JCL - PARM='NODECK,LOAD,DMAP,SUPMAP,SIZE=2048K,BUF=1024K'
 16 IEF653I SUBSTITUTION JCL - PARM='NODECK,LOAD,DMAP,SUPMAP,SIZE=2048K,BUF=1024K'

IEF236I ALLOC. FOR COBUCL1 COB COBUC

IEF237I 253 ALLOCATED TO STEPLIB

IEF237I 253 ALLOCATED TO SYS00350

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I JES2 ALLOCATED TO SYSPUNCH

IEF237I 370 ALLOCATED TO SYSUT1

IEF237I 251 ALLOCATED TO SYSUT2

IEF237I 380 ALLOCATED TO SYSUT3

IEF237I 252 ALLOCATED TO SYSUT4

IEF237I 184 ALLOCATED TO SYSIN

IEF237I 180 ALLOCATED TO SYS00352

IEF237I 380 ALLOCATED TO SYSLIN

IEC130I SYSLIB DD STATEMENT MISSING

IEF142I COBUCL1 COB COBUC - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYSC.LINKLIB KEPT *-----0

IEF285I VOL SER NOS= SYSCPK.

IEF285I UCSYSCPK KEPT *-----0

IEF285I VOL SER NOS= SYSCPK.

IEF285I JES2.JOB00952.S00102 SYSOUT

IEF285I JES2.JOB00952.S00103 SYSOUT

IEF285I SYS21363.T133729.RA000.COBUCL1.R0000001 DELETED *-----6

IEF285I VOL SER NOS= MVS370.

IEF285I SYS21363.T133729.RA000.COBUCL1.R0000002 DELETED *-----6

IEF285I VOL SER NOS= WORK00.

IEF285I SYS21363.T133729.RA000.COBUCL1.R0000003 DELETED *-----9

IEF285I VOL SER NOS= MVS380.

IEF285I SYS21363.T133729.RA000.COBUCL1.R0000004 DELETED *-----3

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.

IEF285I SYS21363.T133729.RA000.COBUCL1.LOADSET PASSED *-----69

IEF285I VOL SER NOS= MVS380.

IEF373I STEP /COB / START 21363.1337

IEF374I STEP /COB / STOP 21363.1337 CPU 0MIN 00.05SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 236K

**** JOB NAME: COBUCL1 JOBCARD READ 2021/363 13:37:29 370/148 VS2 R03.8 HMVS *****

* * * * *

* STEP NUMBER: 1 USER CORE: 2076K START TIME: 13:37:29 CPU TIME: 00:00:00.07 ACTIVE TIME: 00:00:00.09 *

* STEP NAME: COB SYSTEM CORE: 236K STOP TIME: 13:37:29 SRB TIME: 00:00:00.02 ALLOC TIME: 13:37:29 *

* PROGRAM NAME: IKFCBL00 REGION SIZE: 4096K ELAPSED TIME: 00:00:00.14 TCB TIME: 00:00:00.05 PROGRAM LOAD: 13:37:29 *

* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 * * * * *

* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *

* 559 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 6 251/D3350 6 380/D3380 9 252/D3350 3 *

* 184/D3380 2 180/D3380 0 380/D3380 69 *

IEF236I ALLOC. FOR COBUCL1 COB COBUCL

IEF237I 253 ALLOCATED TO STEPLIB

IEF237I 253 ALLOCATED TO SYS00354

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I 251 ALLOCATED TO SYSUT1

IEF237I 370 ALLOCATED TO SYSUT2

IEF237I 252 ALLOCATED TO SYSUT3

IEF237I 252 ALLOCATED TO SYSUT4

IEF237I 380 ALLOCATED TO SYSLIN
IEF237I 184 ALLOCATED TO SYSIN
IEF237I 180 ALLOCATED TO SYS00356
IEC130I SYSPUNCH DD STATEMENT MISSING
IEC130I SYSLIB DD STATEMENT MISSING
IEC130I SYSPUNCH DD STATEMENT MISSING
IEF142I COBUCL1 COB COBUCL - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYSC.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I UCSYSCPK KEPT *-----0
IEF285I VOL SER NOS= SYSCPK.
IEF285I JES2.JOB00952.S00104 SYSOUT
IEF285I SYS21363.T133729.RA000.COBUCL1.R0000005 DELETED *-----6
IEF285I VOL SER NOS= WORK00.
IEF285I SYS21363.T133729.RA000.COBUCL1.R0000006 DELETED *-----6
IEF285I VOL SER NOS= MVS370.
IEF285I SYS21363.T133729.RA000.COBUCL1.R0000007 DELETED *-----9
IEF285I VOL SER NOS= WORK01.
IEF285I SYS21363.T133729.RA000.COBUCL1.R0000008 DELETED *-----3
IEF285I VOL SER NOS= WORK01.
IEF285I SYS21363.T133729.RA000.COBUCL1.LOADSET PASSED *-----29
IEF285I VOL SER NOS= MVS380.
IEF285I JAY01.ISAM.COBOL KEPT *-----2
IEF285I VOL SER NOS= MVS381.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF373I STEP /COB / START 21363.1337
IEF374I STEP /COB / STOP 21363.1337 CPU 0MIN 00.04SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 232K

*
* STEP NUMBER: 2 USER CORE: 2076K START TIME: 13:37:29 CPU TIME: 00:00:00.06 ACTIVE TIME: 00:00:00.06 *
* STEP NAME: COB SYSTEM CORE: 232K STOP TIME: 13:37:29 SRB TIME: 00:00:00.02 ALLOC TIME: 13:37:29 *
* PROGRAM NAME: IKFCBL00 REGION SIZE: 4096K ELAPSED TIME: 00:00:00.11 TCB TIME: 00:00:00.04 PROGRAM LOAD: 13:37:29 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 323 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 0 251/D3350 6 370/D3375 6 252/D3350 9 252/D3350 3 *
* 380/D3380 29 184/D3380 2 180/D3380 0 *

IEF236I ALLOC. FOR COBUCL1 LKED COBUCL
IEF237I 380 ALLOCATED TO SYSLIN
IEF237I JES2 ALLOCATED TO
IEF237I 180 ALLOCATED TO SYSLMOD
IEF237I 180 ALLOCATED TO SYS00358
IEF237I 253 ALLOCATED TO SYSLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00360
IEF237I 251 ALLOCATED TO SYSUT1
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I COBUCL1 LKED COBUCL - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS21363.T133729.RA000.COBUCL1.LOADSET DELETED *-----99
IEF285I VOL SER NOS= MVS380.
IEF285I JES2.JOB00952.SI0101 SYSIN
IEF285I JAY01.LOAD KEPT *-----10
IEF285I VOL SER NOS= PUB000.
IEF285I UCPUB000 KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I SYSC.COBLIB KEPT *-----25
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.T133729.RA000.COBUCL1.R0000009 DELETED *-----0
IEF285I VOL SER NOS= WORK00.
IEF285I JES2.JOB00952.S00105 SYSOUT
IEF373I STEP /LKED / START 21363.1337
IEF374I STEP /LKED / STOP 21363.1337 CPU 0MIN 00.02SEC SRB 0MIN 00.01SEC VIRT 96K SYS 192K

*
* STEP NUMBER: 3 USER CORE: 96K START TIME: 13:37:29 CPU TIME: 00:00:00.03 ACTIVE TIME: 00:00:00.03 *
* STEP NAME: LKED SYSTEM CORE: 192K STOP TIME: 13:37:29 SRB TIME: 00:00:00.01 ALLOC TIME: 13:37:29 *
* PROGRAM NAME: IEWL REGION SIZE: 96K ELAPSED TIME: 00:00:00.05 TCB TIME: 00:00:00.02 PROGRAM LOAD: 13:37:29 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 705 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 *
* 380/D3380 99 180/D3380 10 180/D3380 0 253/D3350 25 253/D3350 0 253/D3350 0 *
* 251/D3350 0 *

IEF236I ALLOC. FOR COBUCL1 COMPCODE
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I COBUCL1 COMPCODE - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB00952.S00106 SYSOUT
IEF373I STEP /COMPCODE/ START 21363.1337
IEF374I STEP /COMPCODE/ STOP 21363.1337 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 16K SYS 184K

*
* STEP NUMBER: 4 USER CORE: 16K START TIME: 13:37:29 CPU TIME: 00:00:00.01 ACTIVE TIME: 00:00:00.02 *
* STEP NAME: COMPCODE SYSTEM CORE: 184K STOP TIME: 13:37:29 SRB TIME: 00:00:00.00 ALLOC TIME: 13:37:29 *
* PROGRAM NAME: COMPCODE REGION SIZE: 512K ELAPSED TIME: 00:00:00.02 TCB TIME: 00:00:00.01 PROGRAM LOAD: 13:37:29 *
* CONDITION CODE: 00000 PERFORMANCE GROUP: 004 *
* JES2 CARDS: 0 SERVICE UNITS PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
* 22 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 /COBUCL1 / START 21363.1337
IEF376I JOB /COBUCL1 / STOP 21363.1337 CPU 0MIN 00.12SEC SRB 0MIN 00.05SEC

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00001 000100 IDENTIFICATION DIVISION.
00002 000200 PROGRAM-ID. ISLOAD.
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 SEQUENTIAL DATASET (TAPE) AND LOADS
00007 000700          ISAM DATASET.
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 SEQUENTIAL-FILE
00017 001700         ASSIGN TO UT-S-SYSUT1.
00018 001800*
00019 001900     SELECT ISAM-MASTER
00020 002000         ASSIGN TO DA-I-MASTER
00021 002100         ACCESS IS SEQUENTIAL
00022 002200         RECORD KEY IS MR-ID.
00023 002300*
00024 002400 DATA DIVISION.
00025 002500 FILE SECTION.
00026 002600*
00027 002700 FD  SEQUENTIAL-FILE
00028 002800     LABEL RECORDS ARE STANDARD
00029 002900     BLOCK CONTAINS 0 RECORDS
00030 003000     DATA RECORD IS SEQUENTIAL-RECD.
00031 003100 01  SEQUENTIAL-RECD.
00032 003200     02  SR-ID                      PIC 9(7).
00033 003300     02  FILLER                     PIC X.
00034 003400     02  SR-FIRST-NAME              PIC X(15).
00035 003500     02  FILLER                     PIC X.
00036 003600     02  SR-INITIAL                 PIC X.
00037 003700     02  FILLER                     PIC X.
00038 003800     02  SR-LAST-NAME               PIC X(20).
00039 003900     02  FILLER                     PIC X.
00040 004000     02  SR-STREET                   PIC X(35).
00041 004100     02  FILLER                     PIC X.
00042 004200     02  SR-CITY-STATE-ZIP          PIC X(35).
00043 004300     02  FILLER                     PIC X.
00044 004400     02  SR-GENDER-CODE             PIC X.
00045 004500     02  FILLER                     PIC X.
00046 004600     02  SR-TELEPHONE               PIC X(10).
00047 004700     02  FILLER                     PIC X.
00048 004800     02  SR-DATE-1                  PIC X(8).
00049 004900     02  FILLER                     PIC X.
00050 005000     02  SR-DATE-2                  PIC X(8).
00051 005100     02  FILLER                     PIC X.
00052 005200     02  SR-DATE-3                  PIC X(8).
00053 005300     02  FILLER                     PIC X(2).
00054 005400*

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00055 005500 FD ISAM-MASTER
00056 005600 LABEL RECORDS ARE STANDARD
00057 005700 BLOCK CONTAINS 0 RECORDS
00058 005800 DATA RECORD IS MASTER-RECD.
00059 005900 01 MASTER-RECD.
00060 006000 02 MR-DELETE-CODE PIC X.
00061 006100 02 MR-ID PIC 9(7).
00062 006200 02 MR-FIRST-NAME PIC X(15).
00063 006300 02 MR-INITIAL PIC X.
00064 006400 02 MR-LAST-NAME PIC X(20).
00065 006500 02 MR-STREET PIC X(35).
00066 006600 02 MR-CITY-STATE-ZIP PIC X(35).
00067 006700 02 MR-GENDER-CODE PIC X.
00068 006800 02 MR-TELEPHONE PIC X(10).
00069 006900 02 MR-DATE-1 PIC X(8).
00070 007000 02 MR-DATE-2 PIC X(8).
00071 007100 02 MR-DATE-3 PIC X(8).
00072 007200 02 MR-SORT-NAME PIC X(36).
00073 007300 02 FILLER PIC X(15).
00074 007400*
00075 007500 WORKING-STORAGE SECTION.
00076 007600 01 SEQUENTIAL-FILE-END-SWITCH PIC X VALUE 'N'.
00077 007700 88 SEQUENTIAL-FILE-END VALUE 'Y'.
00078 007800 01 BAD-WRITE-SWITCH PIC X.
00079 007900 88 BAD-ISAM-WRITE VALUE 'Y'.
00080 008000 01 RECORD-COUNTERS USAGE IS COMP-3.
00081 008100 02 INPUT-RECORD-COUNT PIC S9(5) VALUE +0.
00082 008200 02 OUTPUT-RECORD-COUNT PIC S9(5) VALUE +0.
00083 008300 01 COUNTER-EDIT PIC ZZ,ZZ9.
00084 008400*
00085 008500 PROCEDURE DIVISION.
00086 008600*
00087 008700 OPEN-FILES.
00088 008800*
00089 008900 OPEN INPUT SEQUENTIAL-FILE,
00090 009000 OUTPUT ISAM-MASTER.
00091 009100*
00092 009200 PERFORM PROCESS-SEQUENTIAL-FILE
00093 009300 THRU PROCESS-SEQUENTIAL-FILE-EXIT
00094 009400 UNTIL SEQUENTIAL-FILE-END.
00095 009500*
00096 009600 CLOSE SEQUENTIAL-FILE,
00097 009700 ISAM-MASTER.
00098 009800*
00099 009900 MOVE INPUT-RECORD-COUNT TO COUNTER-EDIT.
00100 010000 DISPLAY COUNTER-EDIT ' RECORDS READ FROM SEQUENTIAL FILE'.
00101 010100 MOVE OUTPUT-RECORD-COUNT TO COUNTER-EDIT.
00102 010200 DISPLAY COUNTER-EDIT ' RECORDS WRITTEN TO ISAM MASTER'.
00103 010300*
00104 010400 GOBACK.
00105 010500*
00106 010600 PROCESS-SEQUENTIAL-FILE.
00107 010700*
00108 010800 READ SEQUENTIAL-FILE
00109 010900 AT END
00110 011000 MOVE 'Y' TO SEQUENTIAL-FILE-END-SWITCH.
00111 011100 IF NOT SEQUENTIAL-FILE-END

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00112 011200      ADD 1 TO INPUT-RECORD-COUNT
00113 011300      PERFORM CREATE-ISAM-RECORD
00114 011400          THRU CREATE-ISAM-RECORD-EXIT
00115 011500      IF BAD-ISAM-WRITE
00116 011600          DISPLAY 'INVALID KEY WRITING ' SR-ID
00117 011700      ELSE
00118 011800          ADD 1 TO OUTPUT-RECORD-COUNT.
00119 011900*
00120 012000 PROCESS-SEQUENTIAL-FILE-EXIT.
00121 012100      EXIT.
00122 012200*
00123 012300 CREATE-ISAM-RECORD.
00124 012400*
00125 012500      MOVE SPACES TO MASTER-RECD.
00126 012600      MOVE SR-ID TO MR-ID.
00127 012700      MOVE SR-FIRST-NAME TO MR-FIRST-NAME.
00128 012800      MOVE SR-INITIAL TO MR-INITIAL.
00129 012900      MOVE SR-LAST-NAME TO MR-LAST-NAME.
00130 013000      MOVE SR-STREET TO MR-STREET.
00131 013100      MOVE SR-CITY-STATE-ZIP TO MR-CITY-STATE-ZIP.
00132 013200      MOVE SR-GENDER-CODE TO MR-GENDER-CODE.
00133 013300      MOVE SR-TELEPHONE TO MR-TELEPHONE.
00134 013400      MOVE SR-DATE-1 TO MR-DATE-1.
00135 013500      MOVE SR-DATE-2 TO MR-DATE-2.
00136 013600      MOVE SR-DATE-3 TO MR-DATE-3.
00137 013700      CALL 'SORTNAME' USING SR-FIRST-NAME, SR-LAST-NAME,
00138 013800          SR-INITIAL, MR-SORT-NAME.
00139 013900*
00140 014000      MOVE 'N' TO BAD-WRITE-SWITCH.
00141 014100      WRITE MASTER-RECD
00142 014200          INVALID KEY
00143 014300          MOVE 'Y' TO BAD-WRITE-SWITCH.
00144 014400
00145 014500 CREATE-ISAM-RECORD-EXIT.
00146 014600      EXIT.
00147 014700*
00148 014800* END OF PROGRAM ISLOAD.
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INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-169	FD	SEQUENTIAL-FILE	DCB=01		DNM=1-169		QSAM				F
DNM=1-197	01	SEQUENTIAL-RECD	BL=1	000	DNM=1-197	DS 0CL160	GROUP				
DNM=1-225	02	SR-ID	BL=1	000	DNM=1-225	DS 7C	DISP-NM				
DNM=1-240	02	FILLER	BL=1	007	DNM=1-240	DS 1C	DISP				
DNM=1-256	02	SR-FIRST-NAME	BL=1	008	DNM=1-256	DS 15C	DISP				
DNM=1-279	02	FILLER	BL=1	017	DNM=1-279	DS 1C	DISP				
DNM=1-298	02	SR-INITIAL	BL=1	018	DNM=1-298	DS 1C	DISP				
DNM=1-318	02	FILLER	BL=1	019	DNM=1-318	DS 1C	DISP				
DNM=1-337	02	SR-LAST-NAME	BL=1	01A	DNM=1-337	DS 20C	DISP				
DNM=1-359	02	FILLER	BL=1	02E	DNM=1-359	DS 1C	DISP				
DNM=1-378	02	SR-STREET	BL=1	02F	DNM=1-378	DS 35C	DISP				
DNM=1-397	02	FILLER	BL=1	052	DNM=1-397	DS 1C	DISP				
DNM=1-416	02	SR-CITY-STATE-ZIP	BL=1	053	DNM=1-416	DS 35C	DISP				
DNM=1-443	02	FILLER	BL=1	076	DNM=1-443	DS 1C	DISP				
DNM=1-462	02	SR-GENDER-CODE	BL=1	077	DNM=1-462	DS 1C	DISP				
DNM=1-486	02	FILLER	BL=1	078	DNM=1-486	DS 1C	DISP				
DNM=2-000	02	SR-TELEPHONE	BL=1	079	DNM=2-000	DS 10C	DISP				
DNM=2-022	02	FILLER	BL=1	083	DNM=2-022	DS 1C	DISP				
DNM=2-041	02	SR-DATE-1	BL=1	084	DNM=2-041	DS 8C	DISP				
DNM=2-060	02	FILLER	BL=1	08C	DNM=2-060	DS 1C	DISP				
DNM=2-079	02	SR-DATE-2	BL=1	08D	DNM=2-079	DS 8C	DISP				
DNM=2-098	02	FILLER	BL=1	095	DNM=2-098	DS 1C	DISP				
DNM=2-117	02	SR-DATE-3	BL=1	096	DNM=2-117	DS 8C	DISP				
DNM=2-136	02	FILLER	BL=1	09E	DNM=2-136	DS 2C	DISP				
DNM=2-155	FD	ISAM-MASTER	DCB=02		DNM=2-155		QISAM				F
DNM=2-179	01	MASTER-RECD	BL=2	000	DNM=2-179	DS 0CL200	GROUP				
DNM=2-203	02	MR-DELETE-CODE	BL=2	000	DNM=2-203	DS 1C	DISP				
DNM=2-227	02	MR-ID	BL=2	001	DNM=2-227	DS 7C	DISP-NM				
DNM=2-242	02	MR-FIRST-NAME	BL=2	008	DNM=2-242	DS 15C	DISP				
DNM=2-268	02	MR-INITIAL	BL=2	017	DNM=2-268	DS 1C	DISP				
DNM=2-288	02	MR-LAST-NAME	BL=2	018	DNM=2-288	DS 20C	DISP				
DNM=2-310	02	MR-STREET	BL=2	02C	DNM=2-310	DS 35C	DISP				
DNM=2-329	02	MR-CITY-STATE-ZIP	BL=2	04F	DNM=2-329	DS 35C	DISP				
DNM=2-359	02	MR-GENDER-CODE	BL=2	072	DNM=2-359	DS 1C	DISP				
DNM=2-383	02	MR-TELEPHONE	BL=2	073	DNM=2-383	DS 10C	DISP				
DNM=2-405	02	MR-DATE-1	BL=2	07D	DNM=2-405	DS 8C	DISP				
DNM=2-424	02	MR-DATE-2	BL=2	085	DNM=2-424	DS 8C	DISP				
DNM=2-443	02	MR-DATE-3	BL=2	08D	DNM=2-443	DS 8C	DISP				
DNM=2-462	02	MR-SORT-NAME	BL=2	095	DNM=2-462	DS 36C	DISP				
DNM=2-484	02	FILLER	BL=2	0B9	DNM=2-484	DS 15C	DISP				
DNM=3-000	01	SEQUENTIAL-FILE-END-SWITCH	BL=3	000	DNM=3-000	DS 1C	DISP				
DNM=3-039	88	SEQUENTIAL-FILE-END			DNM=3-039						
DNM=3-069	01	BAD-WRITE-SWITCH	BL=3	008	DNM=3-069	DS 1C	DISP				
DNM=3-098	88	BAD-ISAM-WRITE			DNM=3-098						
DNM=3-123	01	RECORD-COUNTERS	BL=3	010	DNM=3-123	DS 0CL6	GROUP				
DNM=3-151	02	INPUT-RECORD-COUNT	BL=3	010	DNM=3-151	DS 3P	COMP-3				
DNM=3-179	02	OUTPUT-RECORD-COUNT	BL=3	013	DNM=3-179	DS 3P	COMP-3				
DNM=3-208	01	COUNTER-EDIT	BL=3	018	DNM=3-208	DS 6C	NM-EDIT				

```
*STATISTICS*      SOURCE RECORDS =   148      DATA DIVISION STATEMENTS =    48      PROCEDURE DIVISION STATEMENTS =    35
*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
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1

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00001 000100 IDENTIFICATION DIVISION.
00002 000200 PROGRAM-ID. SORTNAME.
00003 000300 AUTHOR. JAY MOSELEY.
00004 000400 DATE-WRITTEN. DECEMBER, 2021.
00005 000500 DATE-COMPILED. DEC 29, 2021
00006 000600 REMARKS. BUILDS SORT NAME FIELD FROM PASSED FIRST NAME,
00007 000700          LAST NAME, MIDDLE INITIAL.
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 DATA DIVISION.
00017 001700 FILE SECTION.
00018 001800*
00019 001900 WORKING-STORAGE SECTION.
00020 002000 01  WS-FIRST-NAME          PIC X(16).
00021 002100 01  FILLER                REDEFINES WS-FIRST-NAME.
00022 002200      02  WS-FIRST-CHAR          OCCURS 16 TIMES
00023 002300                                INDEXED BY FN-X
00024 002400                                PIC X.
00025 002500 01  WS-LAST-NAME              PIC X(21).
00026 002600 01  FILLER                    REDEFINES WS-LAST-NAME.
00027 002700      02  WS-LAST-CHAR          OCCURS 21 TIMES
00028 002800                                INDEXED BY LN-X
00029 002900                                PIC X.
00030 003000*
00031 003100 LINKAGE SECTION.
00032 003200 01  FIRST-NAME                PIC X(15).
00033 003300 01  LAST-NAME                 PIC X(20).
00034 003400 01  MIDDLE-INITIAL            PIC X.
00035 003500 01  SORT-NAME                PIC X(36).
00036 003600 01  FILLER                    REDEFINES SORT-NAME.
00037 003700      02  SN-CHAR              OCCURS 36 TIMES
00038 003800                                INDEXED BY SN-X
00039 003900                                PIC X.
00040 004000*
00041 004100 PROCEDURE DIVISION USING FIRST-NAME, LAST-NAME,
00042 004200          MIDDLE-INITIAL, SORT-NAME.
00043 004300*
00044 004400 BUILD-SORT-NAME.
00045 004500*
00046 004600      MOVE FIRST-NAME TO WS-FIRST-NAME.
00047 004700      MOVE LAST-NAME TO WS-LAST-NAME.
00048 004800      MOVE SPACES TO SORT-NAME.
00049 004900      SET LN-X, FN-X, SN-X TO 1.
00050 005000      PERFORM MOVE-LAST-NAME
00051 005100          THRU MOVE-LAST-NAME-EXIT
00052 005200          UNTIL WS-LAST-CHAR (LN-X) = SPACE
00053 005300              AND WS-LAST-CHAR (LN-X + 1) = SPACE.
00054 005400      PERFORM MOVE-FIRST-NAME
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00055 005500      THRU MOVE-FIRST-NAME-EXIT
00056 005600      UNTIL WS-FIRST-CHAR (FN-X) = SPACE
00057 005700      AND WS-FIRST-CHAR (FN-X + 1) = SPACE.
00058 005800      MOVE MIDDLE-INITIAL TO SN-CHAR (SN-X).
00059 005900*
00060 006000      GOBACK.
00061 006100*
00062 006200 MOVE-LAST-NAME.
00063 006300*
00064 006400      MOVE WS-LAST-CHAR (LN-X) TO SN-CHAR (SN-X).
00065 006500      SET LN-X, SN-X UP BY 1.
00066 006600*
00067 006700 MOVE-LAST-NAME-EXIT.
00068 006800      EXIT.
00069 006900*
00070 007000 MOVE-FIRST-NAME.
00071 007100*
00072 007200      MOVE WS-FIRST-CHAR (FN-X) TO SN-CHAR (SN-X).
00073 007300      SET FN-X, SN-X UP BY 1.
00074 007400*
00075 007500 MOVE-FIRST-NAME-EXIT.
00076 007600      EXIT.
00077 007700*
00078 007800* END OF PROGRAM SORTNAME.
```

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	0	Q	M
DNM=1-150	01	WS-FIRST-NAME	BL=1	000	DNM=1-150	DS 16C	DISP				
DNM=1-173	01	FILLER	BL=1	000	DNM=1-173	DS 0CL16	GROUP	R			
DNM=1-192		FN-X			DNM=1-192		INDEX-NM				
DNM=1-203	02	WS-FIRST-CHAR	BL=1	000	DNM=1-203	DS 1C	DISP		0		
DNM=1-226	01	WS-LAST-NAME	BL=1	010	DNM=1-226	DS 21C	DISP				
DNM=1-248	01	FILLER	BL=1	010	DNM=1-248	DS 0CL21	GROUP	R			
DNM=1-270		LN-X			DNM=1-270		INDEX-NM				
DNM=1-284	02	WS-LAST-CHAR	BL=1	010	DNM=1-284	DS 1C	DISP		0		
DNM=1-306	01	FIRST-NAME	BLL=3	000	DNM=1-306	DS 15C	DISP				
DNM=1-326	01	LAST-NAME	BLL=4	000	DNM=1-326	DS 20C	DISP				
DNM=1-345	01	MIDDLE-INITIAL	BLL=5	000	DNM=1-345	DS 1C	DISP				
DNM=1-369	01	SORT-NAME	BLL=6	000	DNM=1-369	DS 36C	DISP				
DNM=1-391	01	FILLER	BLL=6	000	DNM=1-391	DS 0CL36	GROUP	R			
DNM=1-413		SN-X			DNM=1-413		INDEX-NM				
DNM=1-424	02	SN-CHAR	BLL=6	000	DNM=1-424	DS 1C	DISP		0		

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*STATISTICS*      SOURCE RECORDS =      78      DATA DIVISION STATEMENTS =      12      PROCEDURE DIVISION STATEMENTS =      14
*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
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IEW0000	NAME ISLOAD(R)	00001701
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CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
ISLOAD	00	90C								
SORTNAME	910	5B2								
ILBODSP0*	EC8	700								
ILBOERR0*	15C8	22C								
			ILBOERR1	15C8	ILBOERR2	160A	ILBOERR4	1638	ILBOERR3	165E
			ILBOERR5	16C6	ILBOERR6	16F2				
ILBOSTP0*	17F8	35								
			ILBOSTP1	180E						

LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION
188		ILBOERR4	ILBOERR0	4B0		ILB0STP0	ILB0STP0
4B4		ILB0DSP0	ILB0DSP0	4B8		ILB0STP1	ILB0STP0
4BC		SORTNAME	SORTNAME	BC0		ILB0STP0	ILB0STP0
BC4		ILB0STP1	ILB0STP0				
ENTRY ADDRESS		00					

```
TOTAL LENGTH      1830
****ISLOAD      NOW REPLACED IN DATA SET
AUTHORIZATION CODE IS      0.
```

COBUCL1 (J 952)- COBUC	.COB	ENDED,	CODE 0000,	21.363	13:37:29
COBUCL1 (J 952)- COBUCL	.COB	ENDED,	CODE 0000,	21.363	13:37:29
COBUCL1 (J 952)- COBUCL	.LKED	ENDED,	CODE 0000,	21.363	13:37:29