

SSSSSSSSSS		IIIIIIIIII	MM	MM	OO	OO	NN	NN	CCCCCCCC	OO	OO	OO
SSSSSSSSSS		IIIIIIIIII	MMM	MMM	OO	OO	NNN	NN	CCCCCCCC	OO	OO	OO
SS	SS	II	MMMM	MMMM	OO	OO	NNNN	NN	CC	CC	OO	OO
SS		II	MM	MM	MM	MM	OO	OO	NN	NN	CC	OO
SSS		II	MM	MMM	MM	OO	OO	NN	NN	NN	CC	OO
SSSSSSSS		II	MM	MM	MM	OO	OO	NN	NN	NN	CC	OO
SSSSSSSS		II	MM	MM	MM	OO	OO	NN	NN	NN	CC	OO
SSS		II	MM	MM	MM	OO	OO	NN	NN	NN	CC	OO
SS	SS	II	MM	MM	OO	OO	NN	NNNN	CC	CC	OO	OO
SS	SS	II	MM	MM	OO	OO	NN	NNN	CC	CC	OO	OO
SSSSSSSSSS	IIIIIIIIII	MM	MM	OO	OO	NN	NN	CCCCCCCC	CC	CC	OO	OO
SSSSSSSS	IIIIIIIIII	MM	MM	OO	OO	NN	N	CCCCCCCC	CC	CC	OO	OO

JJJJJJJJJ	11	999999999	00000000	AAAAAAAAA
JJJJJJJJJ	111	99999999999	0000000000	AAAAAAAAAAAA
JJ	1111	99	99 00 0000	AA AA
JJ	11	99	99 00 00 00	AA AA
JJ	11	99	99 00 00 00	AA AA
JJ	11	99999999999	00 00 00	AAAAAAAAAAAA
JJ	11	99999999999	00 00 00	AAAAAAAAAAAA
JJ	11		99 00 00 00	AA AA
JJ JJ	11		99 0000 00	AA AA
JJ JJ	11	99	99 000 00	AA AA
JJJJJJJ	111111111	99999999999	0000000000	AA AA
JJJJJ	111111111	999999999	00000000	AA AA

****A START JOB 190 SIMONCO GRADE LIST ROOM 10.43.12 AM 18 MAY 24 PRINTER1 SYS HMVS JOB 190 START A****

J E S 2 J O B L O G

10.43.12 JOB 190 \$HASP373 SIMONCO STARTED - INIT 1 - CLASS A - SYS HMVS
10.43.12 JOB 190 IEF403I SIMONCO - STARTED - TIME=10.43.12
10.43.12 JOB 190 IEFACRT COB /IKFCBL00/00:00:00.05/00:00:00.12/00000/SIMONCO
10.43.12 JOB 190 IEFACRT GO /LOADER /00:00:00.02/00:00:00.06/00000/SIMONCO
10.43.12 JOB 190 IEF404I SIMONCO - ENDED - TIME=10.43.12
10.43.12 JOB 190 \$HASP395 SIMONCO ENDED

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

18 MAY 24 JOB EXECUTION DATE

99 CARDS READ

224 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1	//SIMONCO JOB (1), 'GRADE LIST', CLASS=A, MSGCLASS=A	JOB 190
2	//COBOL EXEC PROC=COB2UCG, SYSOUT='*'	
3	XXCOBUCG PROC SYSOUT=A	00000100
	*** PROC FOR COBOL OS/VS 1.2.4	00000200
4	XXCOB EXEC PGM=IKFCBL00	00000300
5	XXSTEPLIB DD DSN=SIMON.COB.VSCOLIB, DISP=SHR	00000400
6	XXSYSPRINT DD SYSOUT=&SYSOUT	00000500
7	XXSYSPUNCH DD SYSOUT=B	00000600
8	XXSYSUT1 DD UNIT=SYSDA, SPACE=(CYL, (1,1))	00000700
9	XXSYSUT2 DD UNIT=SYSDA, SPACE=(CYL, (1,1))	00000800
10	XXSYSUT3 DD UNIT=SYSDA, SPACE=(CYL, (1,1))	00000900
11	XXSYSUT4 DD UNIT=SYSDA, SPACE=(CYL, (1,1))	00001000
12	XXSYSLIN DD DSN=&&LOADSET, UNIT=SYSDA, DISP=(MOD, PASS),	00001100
	XX SPACE=(TRK, (3,3)), DCB=BLKSIZE=800	00001200
13	//SYSIN DD *	
14	XXGO EXEC PGM=LOADER, COND=(5, LT, COB)	00001300
15	XXSYSLIN DD DSN=&&LOADSET, DISP=(OLD, DELETE)	00001400
16	XXSYSLOUT DD SYSOUT=&SYSOUT	00001500
17	XXSYSOUT DD SYSOUT=&SYSOUT	00001600
18	XXSYSLIB DD DSN=SIMON.COB.VSCLLIB, DISP=SHR	00001700
19	//GO.INPUT DD *	
20	//GO.OUTPUT DD SYSOUT=*,	
	// DCB=(RECFM=FBA, LRECL=132, BLKSIZE=13200)	

```

6      IEF653I SUBSTITUTION JCL - SYSOUT=*
16     IEF653I SUBSTITUTION JCL - SYSOUT=*
17     IEF653I SUBSTITUTION JCL - SYSOUT=*

```

IEF237I 180 ALLOCATED TO STEPLIB

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I JES2 ALLOCATED TO SYSPUNCH

IEF237I 251 ALLOCATED TO SYSUT1

IEF237I 252 ALLOCATED TO SYSUT2

```
IEF237I 251 ALLOCATED TO SYSUT3
```

IEF237I 251 ALLOCATED TO SYSUT4

IEF237I 251 ALLOCATED TO SYSLIN

IEF237I JES2 ALLOCATED TO SYSIN

```
IEF142I SIMONCO COB COBOL - STEP WAS EXECUTED - COND CODE 0000
```

```
IEF285I      SIMON.COB.VSCOLIB                                KEPT          *-----0
```

TEF285I VOL SER NOS= PUB000.

```
IEF285I    UCPUB000                                KEPT          *-----0
```

IEF285I VOL SER NOS= PUB000.

```
IEF285I      JES2.JOB00190.S00103                                SYSOUT
```

IEF285I	JES2.SOB00190.S00103	SIS001
IEF285I	JES2.JOB00190.S00104	SYSOUT

```
IEF285I      SYS24139.T104312.RA000.SIMONCO.R0000001      DELETED      *-----6
```

IEF285I VOL SER NOS= WORK00.

```
IEF285I  SYS24139.T104312.RA000.SIMONCO.R0000002      DELETED      *-----6
```

```
IEF285I VOL SER NOS= WORK01.
```

IEF285I SYS24139.T104312.RA000.SIMONCO.R0000003 DELETED *-----12

```
IEF285I VOL SER NOS= WORK00.
```

IEF285I	SYS24139.T104312.RA000.SIMONCO.R0000004	DELETED	*-----6
---------	---	---------	---------

```
IEF285I      VOL SER NOS= WORK00.
```

```
IEF285I  SYS24139.T104312.RA000.SIMONCO.LOADSET      PASSED      *-----8
```

```
IEF285I      VOL SER NOS= WORK00.
```

```
IEF285I      JES2.JOB00190.SI0101                                SYSIN
```

IEF373I STEP /COB / START 24139.1043

```
IEF374I STEP /COB      / STOP 24139.1043 CPU      0MIN 00.04SEC SRB      0MIN 00.01SEC VIRT  136K SYS  212K
```

***** JOB NAME: SIMONCO	JOB CARD READ 2024/139	10 43:12 370/ 84 VS2	R03.8 HMVS	*****
*****	*****	*****	*****	*****

* * *

```
* STEP NUMBER:      1  USER CORE:      136K  START TIME:    10:43:12      CPU TIME:      00:00:00.05  ACTIVE TIME:    00:00:00.07 *
```

STEP NUMBER.	1	USER CORE.	130K	START TIME.	10.43.12	CPU TIME.	00.00.00.00	ACTIVE TIME.	00.00.00.00
* STEP NAME.	COR	SYSTEM CORE.	212K	STOP TIME.	10.43.12	SRB TIME.	00.00.00.01	ALLOC TIME.	10.43.12

STEP NAME.	COB	SISTEM CORE.	Z12K	STOP TIME.	10.43.12	SRK	TIME.	00.00.00.01	ALLOC TIME.	10.43.12
* PROGRAM NAME.	IKFCRI.00	REGION	SIZE.	512K	ELAPSED TIME.	00.00.00 12	TCR TIME.	00.00.00 04	PROGRAM LOAD.	10.43.12

```

PROGRAM NAME: 1KFCBL00 REGION SIZE: 512K ELAPSED TIME: 00:00:00.12 ICB TIME: 00:00:00.04 PROGRAM LOAD: 10:43:12
* CONDITION CODE: 000000 PERFORMANCE GROUP: 004
*

```

```

*          CONDITION CODE:      00000      PERFORMANCE GROUP: 004
*
*          JES2 CARDS:          7          SERVICE UNITS      PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *

```

	JESZ	CARDS.	/	SERVICE	UNITS	PAGES	IN/OOI	#	SWAPS	PAGES	SWAP	IN/OOI	VIO	PAGES	IN/OOI	*
*					235	0	/	0	0		0	/	0	0	/	0 *

	235	0 /	0	0	0 /	0	0 /	0	*
--	-----	-----	---	---	-----	---	-----	---	---

[illegible][illegible][illegible]

Z51/D3350 8

```

*****
IFE236I  ALLOC      FOR SIMONCO GO COROL
*****

```

IEF2361 ALLOC. FOR SIMONCO GO COBOL

```
IEF237I 251  ALLOCATED TO SYSLIN
```

IEF237I JES2 ALLOCATED TO SYSLOUT

```
IEF237I JES2 ALLOCATED TO SYSOUT
```

IEF237I 180 ALLOCATED TO SYSLIB

IEF237I 180 ALLOCATED TO SYS00040
IEF237I JES2 ALLOCATED TO INPUT
IEF237I JES2 ALLOCATED TO OUTPUT
IEF142I SIMONCO GO COBOL - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS24139.T104312.RA000.SIMONCO.LOADSET DELETED *-----9
IEF285I VOL SER NOS= WORK00.
IEF285I JES2.JOB00190.S00105 SYSOUT

```
IEF285I  JES2.JOB00190.S00106          SYSOUT
IEF285I  SIMON.COB.VSCLLIB              KEPT          *-----62
IEF285I  VOL SER NOS= PUB000.
IEF285I  UCPUB000                      KEPT          *-----0
IEF285I  VOL SER NOS= PUB000.
IEF285I  JES2.JOB00190.SI0102          SYSIN
IEF285I  JES2.JOB00190.S00107          SYSOUT
IEF373I STEP /GO          / START 24139.1043
IEF374I STEP /GO          / STOP  24139.1043 CPU      0MIN 00.02SEC SRB      0MIN 00.00SEC VIRT    332K SYS    212K
*****
*
* STEP NUMBER:          2  USER CORE:          332K  START TIME:    10:43:12    CPU TIME:    00:00:00.02  ACTIVE TIME:  00:00:00.04 *
* STEP NAME:      GO      SYSTEM CORE:          212K  STOP TIME:    10:43:12    SRB TIME:    00:00:00.00  ALLOC TIME:   10:43:12 *
* PROGRAM NAME:  LOADER    REGION SIZE:          512K  ELAPSED TIME: 00:00:00.06  TCB TIME:    00:00:00.02  PROGRAM LOAD: 10:43:12 *
* CONDITION CODE: 00000  PERFORMANCE GROUP: 004
*                      JES2 CARDS:          2          SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                      400          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  ADDR/UNIT I/O COUNT *
* 251/D3350          9 180/D3380          62 180/D3380          0
*****
IEF375I  JOB /SIMONCO / START 24139.1043
IEF376I  JOB /SIMONCO / STOP  24139.1043 CPU      0MIN 00.06SEC SRB      0MIN 00.01SEC
```

1 10.43.12 MAY 18,1924

```
00001      IDENTIFICATION DIVISION.
00002      PROGRAM-ID. GRADE-LIST.
00003      AUTHOR. SIMON SULSER.
00004      DATE-WRITTEN. 24/05/18.
00005      DATE-COMPILED. MAY 18,1924.
00006      *
00007      ENVIRONMENT DIVISION.
00008      CONFIGURATION SECTION.
00009      SOURCE-COMPUTER. IBM-370.
00010      OBJECT-COMPUTER. IBM-370.
00011      *
00012      INPUT-OUTPUT SECTION.
00013      FILE-CONTROL.
00014          SELECT GRADE-FILE ASSIGN TO UT-S-INPUT.
00015          SELECT PRINT-FILE ASSIGN TO UT-S-OUTPUT.
00016      *
00017      DATA DIVISION.
00018      FILE SECTION.
00019      FD  GRADE-FILE
00020          LABEL RECORD IS OMITTED.
00021      01  GRADE-RECORD.
00022          05  STUDENT-ID-IN          PIC X(10) .
00023          05  STUDENT-NAME-IN        PIC X(25) .
00024          05  FILLER                 PIC X(5) .
00025          05  STUDENT-SCORE1-IN      PIC 99.
00026          05  FILLER                 PIC X(3) .
00027          05  STUDENT-SCORE2-IN      PIC 99.

00028          05  FILLER                 PIC X(3) .
00029          05  STUDENT-GRADE-IN        PIC X.
00030          05  FILLER                 PIC X(29) .
00031      *
00032      FD  PRINT-FILE
00033          LABEL RECORD IS OMITTED.
00034      01  PRINT-LINE.
00035          05  FILLER                 PIC X(11) .
00036          05  STUDENT-NAME-OUT        PIC X(25) .
00037          05  FILLER                 PIC X(5) .
00038          05  STUDENT-ID-OUT         PIC X(10) .
00039          05  FILLER                 PIC X(20) .
00040          05  STUDENT-SCORE1-OUT      PIC 99.
00041          05  FILLER                 PIC X(4) .
00042          05  STUDENT-SCORE2-OUT      PIC 99.
00043          05  FILLER                 PIC X(4) .
00044          05  STUDENT-GRADE-OUT      PIC X.
00045      *
00046      WORKING-STORAGE SECTION.
```

00047	*	
00048		PROCEDURE DIVISION.
00049		000-MAIN.
00050		PERFORM INITIALIZATION.
00051		PERFORM READ-AND-PRINT 20 TIMES.
00052		PERFORM CLOSING.
00053		STOP RUN.
00054	*	

2 GRADE0LI 10.43.12 MAY 18,1924

00055 INITIALIZATION.

00056 OPEN INPUT GRADE-FILE,
00057 OUTPUT PRINT-FILE.

00058 *
00059 READ-AND-PRINT.

00060 MOVE SPACES TO PRINT-LINE.

00061 READ GRADE-FILE

00062 AT END STOP RUN.

00063 MOVE STUDENT-NAME-IN TO STUDENT-NAME-OUT.

00064 MOVE STUDENT-ID-IN TO STUDENT-ID-OUT.

00065 MOVE STUDENT-SCORE1-IN TO STUDENT-SCORE1-OUT.

00066 MOVE STUDENT-SCORE2-IN TO STUDENT-SCORE2-OUT.

00067 MOVE STUDENT-GRADE-IN TO STUDENT-GRADE-OUT.

00068 WRITE PRINT-LINE.

00069 *

00070 CLOSING.

00071 CLOSE GRADE-FILE, PRINT-FILE.

```
*STATISTICS*        SOURCE RECORDS =    71        DATA DIVISION STATEMENTS =    23        PROCEDURE DIVISION STATEMENTS =    15
*OPTIONS IN EFFECT*    SIZE = 131072 BUF = 12288 LINECNT = 57 SPACE1, FLAGW, SEQ, SOURCE
*OPTIONS IN EFFECT*    NODMAP, NOPMAP, NOCLIST, NOSUPMAP, NOXREF, NOSXREF, LOAD, NODECK, QUOTE, NOTRUNC, NOFLOW
*OPTIONS IN EFFECT*    NOTERM, NONUM, NOBATCH, NONAME, COMPILE=01, NOSTATE, NORESIDENT, NODYNAM, NOLIB, NOSYNTAX
*OPTIONS IN EFFECT*    NOOPTIMIZE, NOSYMDMP, NOTEST, VERB, ZWB, SYST, NOENDJOB, NOLVL
*OPTIONS IN EFFECT*    NOLST , NOFDECK, NOCDECK, LCOL2, L120, DUMP , ADV , NOPRINT,
*OPTIONS IN EFFECT*    NOCOUNT, NOVBSUM, NOVBREF, LANGLVL(2)
```

VS LOADER

OPTIONS USED - PRINT,NOMAP,NOLET,CALL,RES,NOTERM,SIZE=307200,NAME=**GO

TOTAL LENGTH	1FE0
ENTRY ADDRESS	9C010

JOSHUA WATSON	447-221	38	38	A
LAUREN RODRIGUEZ	123-456	27	27	B
NATHAN SCOTT	654-852	63	63	C
BENJAMIN PEREZ	159-753	87	87	D
ASHLEY WARD	612-782	65	65	E
EVELYN BELL	963-852	14	14	F
GABRIEL ANDERSON	854-698	23	23	A
TIMOTHY CARTER	654-852	25	25	B
OLIVER MOORE	112-254	34	34	C
OWEN WOOD	787-584	65	65	D
ROBERT ROSS	446-187	47	47	E
HEATHER THOMAS	268-471	58	58	F
MEGAN SANDERS	784-885	59	59	A
AUBREY COLLINS	456-753	88	88	B
JAMES WASHINGTON	574-698	63	63	C
SIMON SULSER	456-587	48	48	D
JAMES BROWN	875-965	66	66	E
KEVIN BLUE	212-236	57	57	F
HUGH GRANT	985-654	75	75	A
JAME KING	265-121	23	23	B

SSSSSSSSSS		IIIIIIIIII	MM	MM	OO	OO	NN	NN	CCCCCCCC	OO
SSSSSSSSSS		IIIIIIIIII	MMM	MMM	OO	OO	NNN	NN	CCCCCCCC	OO
SS	SS	II	MMMM	MMMM	OO	OO	NNNN	NN	CC	OO
SS		II	MM	MM	MM	OO	OO	NN	CC	OO
SSS		II	MM	MMM	MM	OO	OO	NN	CC	OO
SSSSSSSS		II	MM	MM	MM	OO	OO	NN	CC	OO
SSSSSSSS		II	MM	MM	MM	OO	OO	NN	CC	OO
SSS		II	MM	MM	MM	OO	OO	NN	CC	OO
SS	SS	II	MM	MM	OO	OO	NN	NNNN	CC	OO
SS	SS	II	MM	MM	OO	OO	NN	NNN	CC	OO
SSSSSSSSSS	IIIIIIIIII	MM	MM	OO	OO	NN	NN	CCCCCCCC	OO	OO
SSSSSSSS	IIIIIIIIII	MM	MM	OO	OO	NN	N	CCCCCCCC	OO	OO

JJJJJJJJJ	11	999999999	00000000	AAAAAAAAA
JJJJJJJJJ	111	99999999999	0000000000	AAAAAAAAAAAA
JJ	1111	99	99 00 0000	AA AA
JJ	11	99	99 00 00 00	AA AA
JJ	11	99	99 00 00 00	AA AA
JJ	11	99999999999	00 00 00	AAAAAAAAAAAA
JJ	11	99999999999	00 00 00	AAAAAAAAAAAA
JJ	11		99 00 00 00	AA AA
JJ JJ	11		99 0000 00	AA AA
JJ JJ	11	99	99 000 00	AA AA
JJJJJJJ	111111111	99999999999	0000000000	AA AA
JJJJJ	111111111	999999999	00000000	AA AA

****A END JOB 190 SIMONCO GRADE LIST ROOM 10.43.13 AM 18 MAY 24 PRINTER1 SYS HMVS JOB 190 END A****