

SSSSSSSSSS		IIIIIIIIII	MM	MM	000000000000	NN	NN	CCCCCCCCCC	000000000000
SSSSSSSSSSSS		IIIIIIIIII	MMM	MMM	000000000000	NNN	NN	CCCCCCCCCCCC	000000000000
SS	SS	II	MMMM	MMMM	OO	OO	NNNN	NN CC	CC OO
SS		II	MM MM	MM MM	OO	OO	NN NN	NN CC	OO OO
SSS		II	MM	MMMM	MM	OO	OO NN	NN NN	CC OO
SSSSSSSSSS		II	MM	MM	MM	OO	OO NN	NN NN	CC OO
SSSSSSSSSS		II	MM	MM	MM	OO	OO NN	NN NN	CC OO
SSS	SS	II	MM	MM	OO	OO	NN	NN NN	CC OO
SS	SS	II	MM	MM	OO	OO	NN	NNNN CC	OO OO
SS	SS	II	MM	MM	OO	OO	NN	NNN CC	CC OO
SSSSSSSSSSSS	IIIIIIIIII	MM	MM	000000000000	NN	NN	CCCCCCCCCCCC	000000000000	
SSSSSSSSSS	IIIIIIIIII	MM	MM	000000000000	NN	N	CCCCCCCCCC	000000000000	

JJJJJJJJJJ	2222222222	00000000	444	AAAAA
JJJJJJJJJJ	222222222222	0000000000	4444	AAAAAAAAA
JJ	22	22 00	0000 44 44	AA AA
JJ		22 00	00 00 44 44	AA AA
JJ		22 00	00 00 44 44	AA AA
JJ	22	00 00	00 444444444444	AAAAAAAAA
JJ	22	00 00	00 444444444444	AAAAAAAAA
JJ	22	00 00	00 44	AA AA
JJ JJ	22	0000 00	44	AA AA
JJ JJ	22	000 00	44	AA AA
JJJJJJJJ	222222222222	0000000000	44	AA AA
JJJJJJ	22222222222	00000000	44	AA AA

\*\*\*\*A    START    JOB    204    SIMONCO    GRADE LIST                    ROOM                    3.05.04 PM 18 MAY 24    PRINTER1    SYS HMVS    JOB    204    START    A\*\*\*\*

J E S 2 J O B L O G

15.05.04 JOB 204 \$HASP373 SIMONCO STARTED - INIT 1 - CLASS A - SYS HMVS  
15.05.04 JOB 204 IEF403I SIMONCO - STARTED - TIME=15.05.04  
15.05.04 JOB 204 IEFACRTI COB /IKFCBL00/00:00:00.05/00:00:00.12/00000/SIMONCO  
15.05.04 JOB 204 IEFACRTI GO /LOADER /00:00:00.02/00:00:00.05/00000/SIMONCO  
15.05.04 JOB 204 IEF404I SIMONCO - ENDED - TIME=15.05.04  
15.05.04 JOB 204 \$HASP395 SIMONCO ENDED

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

18 MAY 24 JOB EXECUTION DATE

100 CARDS READ

225 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1	//SIMONCO JOB (1),'GRADE LIST',CLASS=A,MSGCLASS=A	JOB 204
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 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
```

TEF285T VOL SER NOS= PUB000.

```
IEF285I    VCE SER NOS   PCE0000.  
IEF285I    UCPUB000                                KEPT          *-----0
```

IEF285I VOL SER NOS= PUB000.

```
IEF285I      JES2.JOB00204.S00103                                SYSOUT
```

IEF285I	JES2.SOB00201.S00103	SIS001
IEF285I	JES2.JOB00204.S00104	SYSOUT

```
IEF285I      SYS24139.T150504.RA000.SIMONCO.R0000001      DELETED      *-----6
```

IEF285I VOL SER NOS= WORK01.

```
IEF285I  SYS24139.T150504.RA000.SIMONCO.R0000002      DELETED      *-----6
```

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

```
IEF285I  SYS24139.T150504.RA000.SIMONCO.R0000003      DELETED      *-----12
```

IEF285I VOL SER NOS= WORK00.

IEF285I	SYS24139.T150504.RA000.SIMONCO.R0000004	DELETED	*-----6
---------	---	---------	---------

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

IEF285I SYS24139.T150504.RA000.SIMONCO.LOADSET PASSED \*-----8

IEF285I VOL SER NOS= WORK00.

```
IEF285I      JES2.JOB00204.SI0101                                SYSIN
```

IEF373I STEP /COB / START 24139.1505

```
IEF374I STEP /COB      / STOP 24139.1505 CPU      0MIN 00.04SEC SRB      0MIN 00.01SEC VIRT  136K SYS  216K
```

*****	JOB NAME :	SIMONCO	JOB CARD READ	2024/139	15:05:03	370/84	V\$2	R03.8	HMV5	*****
-------	------------	---------	---------------	----------	----------	--------	------	-------	------	-------

\* \* \*

```
* STEP NUMBER:      1  USER CORE:      136K  START TIME:    15:05:04      CPU TIME:      00:00:00.05  ACTIVE TIME:    00:00:00.07 *
```

STEP NUMBER:	1	USER CORE:	130K	START TIME:	15:05:04	CPU TIME:	00:00:00.03	ACTIVE TIME:	00:00:00.07
STEP NAME:	COB	SYSTEM CORE:	216K	STOP TIME:	15:05:04	SRB TIME:	00:00:00.01	ALLOC TIME:	15:05:04

STEP NAME:	COB	SISITEM CORE:	216K	STOP TIME:	13:03:04	SRB TIME:	00:00:00.01	ALLOC TIME:	13:03:04
* PROGRAM NAME:	IKFCBL00	REGION SIZE:	512K	ELAPSED TIME:	00:00:00.12	TCB TIME:	00:00:00.04	PROGRAM LOAD:	15:05:04

```

PROGRAM NAME: 1KFCBL00 REGION SIZE: 512K ELAPSED TIME: 00:00:00.12 PCB TIME: 00:00:00.04 PROGRAM LOAD: 13:03:04
* CONDITION CODE: 000000 PERFORMANCE GROUP: 004 *

```

* CONDITION CODE:	00000	FERR ORANGE GROOP :	001
JES2 CARDS:	7	SERVICE UNITS	PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *

*			
---	--	--	--

	233	0,7	0	0	0,7	0	0,7	0	*
*									*

[illegible]

*	180/P/3380	0	180/P/3380	0	252/P/3350	6	251/P/3350	6	251/P/3350	12	251/P/3350	6	*
---	------------	---	------------	---	------------	---	------------	---	------------	----	------------	---	---

*	1807/D33350	8	1807/D33350	9	1807/D33350	9	1807/D33350	12	1807/D33350	9	*
---	-------------	---	-------------	---	-------------	---	-------------	----	-------------	---	---

\*\*\*\*\*

IEF236I ALLOC. FOR SIMONCO GO COBOL

IEF237I 251 ALLOCATED TO SYSLIN

```
IEF237I JES1 ALLOCATED TO SYSMAIN
IEF237I JES2 ALLOCATED TO SYSLOUT
```

IEF237I JES2 ALLOCATED TO SYSOUT

```
IEF237I 180    ALLOCATED TO SYSLIB
```

IEF237I 180 ALLOCATED TO SYS00090  
IEF237I JES2 ALLOCATED TO INPUT  
IEF237I JES2 ALLOCATED TO OUTPUT  
IEF142I SIMONCO GO COBOL - STEP WAS EXECUTED - COND CODE 0000  
IEF285I    SYS24139.T150504.RA000.SIMONCO.LOADSET       DELETED       \*-----9  
IEF285I    VOL SER NOS= WORK00.  
IEF285I    JES2.JOB00204.S00105                       SYSOUT

```
IEF285I  JES2.JOB00204.S00106          SYSOUT
IEF285I  SIMON.COB.VSCLLIB              KEPT          *-----62
IEF285I  VOL SER NOS= PUB000.
IEF285I  UCPUB000                      KEPT          *-----0
IEF285I  VOL SER NOS= PUB000.
IEF285I  JES2.JOB00204.SI0102          SYSIN
IEF285I  JES2.JOB00204.S00107          SYSOUT
IEF373I STEP /GO          / START 24139.1505
IEF374I STEP /GO          / STOP  24139.1505 CPU      0MIN 00.02SEC SRB      0MIN 00.00SEC VIRT    332K SYS    216K
*****
*
* STEP NUMBER:          2  USER CORE:          332K  START TIME:    15:05:04    CPU TIME:    00:00:00.02  ACTIVE TIME:  00:00:00.03 *
* STEP NAME:      GO    SYSTEM CORE:          216K  STOP TIME:    15:05:04    SRB TIME:    00:00:00.00  ALLOC TIME:   15:05:04 *
* PROGRAM NAME:  LOADER  REGION SIZE:          512K  ELAPSED TIME: 00:00:00.05  TCB TIME:    00:00:00.02  PROGRAM LOAD: 15:05:04 *
* CONDITION CODE: 00000  PERFORMANCE GROUP: 004
*                      JES2 CARDS:          2      SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                      399          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
* 251/D3350          9 180/D3380          62 180/D3380          0
*****
IEF375I  JOB /SIMONCO / START 24139.1505
IEF376I  JOB /SIMONCO / STOP  24139.1505 CPU      0MIN 00.06SEC SRB      0MIN 00.01SEC
```

1 15.05.04 MAY 18,1924

```
00001      IDENTIFICATION DIVISION.
00002      PROGRAM-ID. GRADE-LIST.
00003      AUTHOR. SIMON SULSER.
00004      DATE-WRITTEN. MAY 18,1924.
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           15.05.04           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	000000000000	NN	NN	CCCCCCCCCC	000000000000
SSSSSSSSSSSS		IIIIIIIIII	MMM	MMM	000000000000	NNN	NN	CCCCCCCCCCCC	000000000000
SS	SS	II	MMMM	MMMM	OO	OO	NNNN	NN CC	CC OO
SS		II	MM MM	MM MM	OO	OO	NN NN	NN CC	OO OO
SSS		II	MM	MMMM	MM	OO	OO NN	NN NN	CC OO
SSSSSSSSSS		II	MM	MM	MM	OO	OO NN	NN NN	CC OO
SSSSSSSSSS		II	MM	MM	MM	OO	OO NN	NN NN	CC OO
SSS		II	MM	MM	OO	OO	NN	NN NN	CC OO
SS	SS	II	MM	MM	OO	OO	NN	NNNN CC	OO OO
SS	SS	II	MM	MM	OO	OO	NN	NNN CC	CC OO
SSSSSSSSSSSS	IIIIIIIIII	MM	MM	000000000000	NN	NN	CCCCCCCCCCCC	000000000000	
SSSSSSSSSS	IIIIIIIIII	MM	MM	000000000000	NN	N	CCCCCCCCCC	000000000000	

JJJJJJJJJJ	2222222222	00000000	444	AAAAA
JJJJJJJJJJ	222222222222	0000000000	4444	AAAAAAAAA
JJ	22	22 00	0000 44 44	AA AA
JJ		22 00	00 00 44 44	AA AA
JJ		22 00	00 00 44 44	AA AA
JJ	22	00 00	00 444444444444	AAAAAAAAA
JJ	22	00 00	00 444444444444	AAAAAAAAA
JJ	22	00 00	00 44	AA AA
JJ JJ	22	0000	00 44	AA AA
JJ JJ	22	000	00 44	AA AA
JJJJJJJJ	222222222222	0000000000	44	AA AA
JJJJJJ	22222222222	00000000	44	AA AA

\*\*\*\*A    END    JOB   204   SIMONCO   GRADE LIST                   ROOM                   3.05.04 PM 18 MAY 24   PRINTER1   SYS HMVS   JOB   204   END   A\*\*\*\*