

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	OO	OO	NN	NN	CC	OO
SSS		II	MM	MM	OO	OO	NN	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		222222222	999999999		222222222		AAAAAAAAA	
JJJJJJJJJ		22222222222	99999999999		22222222222		AAAAAAAAAAAAA	
JJ	22	22	99	99	22	22	AA	AA
JJ		22	99	99		22	AA	AA
JJ		22	99	99		22	AA	AA
JJ		22	99999999999		22		AAAAAAAAAAAAA	
JJ		22	99999999999		22		AAAAAAAAAAAAA	
JJ		22		99	22		AA	AA
JJ	JJ	22		99	22		AA	AA
JJ	JJ	22	99	99	22		AA	AA
JJJJJJJ		22222222222	99999999999		22222222222		AA	AA
JJJJJ		22222222222	999999999		22222222222		AA	AA

****A START JOB 292 SIMONCO BIBLIOGRAPHY REPORT ROOM 1.59.26 PM 25 MAY 24 PRINTER1 SYS HMVS JOB 292 START A****

J E S 2 J O B L O G

13.59.26 JOB 292 \$HASP373 SIMONCO STARTED - INIT 1 - CLASS A - SYS HMVS
13.59.26 JOB 292 IEF403I SIMONCO - STARTED - TIME=13.59.26
13.59.26 JOB 292 IEFACRTI COB /IKFCBL00/00:00:00.08/00:00:00.15/00000/SIMONCO
13.59.26 JOB 292 IEFACRTI GO /LOADER /00:00:00.04/00:00:00.07/00000/SIMONCO
13.59.26 JOB 292 IEF404I SIMONCO - ENDED - TIME=13.59.26
13.59.26 JOB 292 \$HASP395 SIMONCO ENDED

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

25 MAY 24 JOB EXECUTION DATE

217 CARDS READ

355 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1	//SIMONCO JOB (1), 'BIBLIOGRAPHY REPORT', CLASS=A, MSGCLASS=A	JOB 292
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 252 ALLOCATED TO SYSUT1

IEF237I 251 ALLOCATED TO SYSUT2

```
TEF237T 251  ALLOCATED TO SYSUT3
```

```
IEF237I 251 ALLOCATED TO SYSUT4
```

IEF237I 252 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.JOB00292.S00103                                SYSOUT
```

IEF285I	JES2.JOB00292.S00103	SIS001
IEF285I	JES2.JOB00292.S00104	SYSOUT

```
IEF285I      SYS24146.T135926.RA000.SIMONCO.R0000001      DELETED      *-----14
```

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

```
IEF285I  SYS24146.T135926.RA000.SIMONCO.R0000002      DELETED      *-----12
```

IEF285I	SISZ 1110:1139920:RM000:R00000002	DELETED	12
IEF285I	VOL SER NOS= WORK00.		

IEF285I SYS24146.T135926.RA000.SIMONCO.R0000003 DELETED *-----14

```
IEF285I  SYS21110.11155920.RM000.SINONCO.R00000005  DELETED  11
IEF285I  VOL SER NOS= WORK00.
```

```
IEF285I  SYS24146.T135926.RA000.SIMONCO.R0000004      DELETED      *-----8
```

IEF285I	SISE1110:R150920:RM000:SIMONCO:R00000001	DELETED	0
IEF285I	VOL SER NOS= WORK00.		

```
IEF285I  SYS24146.T135926.RA000.SIMONCO.LOADSET      PASSED      *-----13
```

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

```
IEF285I      JES2.JOB00292.SI0101                                SYSIN
```

IEF373I STEP /COB / START 24146.1359

```
IEF374I STEP /COB      / STOP  24146.1359 CPU      0MIN 00.07SEC SRB      0MIN 00.01SEC VIRT   136K SYS   212K
```

*****	JOB NAME :	SIMONCO	JOB CARD READ	2024/146	13-59:26	370/84	V\$2	R03.8	HMV5	*****
-------	------------	---------	---------------	----------	----------	--------	------	-------	------	-------

JOE NAME: SIMONEC JOBCARD READ 20217110 15:55:20 5707 01 VSZ R05.0 HMM

```
* STEP NUMBER:      1  USER CORE:      136K  START TIME:    13:59:26      CPU TIME:      00:00:00.08  ACTIVE TIME:    00:00:00.10 *
```

* STEP NUMBER:	1	USER CORE:	156K	START TIME:	13:59:26	SYS TIME:	00:00:00.00	ACTIVE TIME:	00:00:00.10
* STEP NAME:	COB	SYSTEM CORE:	212K	STOP TIME:	13:59:26	SRB TIME:	00:00:00.01	ALLOC TIME:	13:59:26

* SYSTEM NAME:	CODE	SYSTEM CORE:	212K	STOP TIME:	13:59:26	SIZE TIME:	00:00:00.01	ALLOC TIME:	13:59:26	
* PROGRAM NAME:	IKFCBL00	REGION SIZE:	512K	ELAPSED TIME:	00:00:00.15	TCB TIME:	00:00:00.07	PROGRAM LOAD:	13:59:26	*

```

PROGRAM NAME:  IM02000 REGION SIZE:  512K  BEAM SEL  TIME: 00:00:00.15  PCL  TIME:  00:00:00.07  PROGRAM  LOAD: 10:09:20
*  CONDITION CODE:  00000  PERFORMANCE GROUP: 004

```

*	JES2 CARDS:	19	SERVICE UNITS	PAGES IN/OUT	# SWAPS	PAGES SWAP	IN/OUT	VIO PAGES	IN/OUT	*
---	-------------	----	---------------	--------------	---------	------------	--------	-----------	--------	---

[illegible]

* 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	*
000000	0	0	000000	0	0	000000	0	0	000000	0	0	000000	0	0	000000
000001	0	0	000001	0	0	000001	0	0	000001	0	0	000001	0	0	000001
000002	0	0	000002	0	0	000002	0	0	000002	0	0	000002	0	0	000002
000003	0	0	000003	0	0	000003	0	0	000003	0	0	000003	0	0	000003
000004	0	0	000004	0	0	000004	0	0	000004	0	0	000004	0	0	000004
000005	0	0	000005	0	0	000005	0	0	000005	0	0	000005	0	0	000005
000006	0	0	000006	0	0	000006	0	0	000006	0	0	000006	0	0	000006
000007	0	0	000007	0	0	000007	0	0	000007	0	0	000007	0	0	000007
000008	0	0	000008	0	0	000008	0	0	000008	0	0	000008	0	0	000008
000009	0	0	000009	0	0	000009	0	0	000009	0	0	000009	0	0	000009
000010	0	0	000010	0	0	000010	0	0	000010	0	0	000010	0	0	000010
000011	0	0	000011	0	0	000011	0	0	000011	0	0	000011	0	0	000011
000012	0	0	000012	0	0	000012	0	0	000012	0	0	000012	0	0	000012
000013	0	0	000013	0	0	000013	0	0	000013	0	0	000013	0	0	000013
000014	0	0	000014	0	0	000014	0	0	000014	0	0	000014	0	0	000014
000015	0	0	000015	0	0	000015	0	0	000015	0	0	000015	0	0	000015
000016	0	0	000016	0	0	000016	0	0	000016	0	0	000016	0	0	000016
000017	0	0	000017	0	0	000017	0	0	000017	0	0	000017	0	0	000017
000018	0	0	000018	0	0	000018	0	0	000018	0	0	000018	0	0	000018
000019	0	0	000019	0	0	000019	0	0	000019	0	0	000019	0	0	000019
000020	0	0	000020	0	0	000020	0	0	000020	0	0	000020	0	0	000020
000021	0	0	000021	0	0	000021	0	0	000021	0	0	000021	0	0	000021
000022	0	0	000022	0	0	000022	0	0	000022	0	0	000022	0	0	000022
000023	0	0	000023	0	0	000023	0	0	000023	0	0	000023	0	0	000023
000024	0	0	000024	0	0	000024	0	0	000024	0	0	000024	0	0	000024
000025	0	0	000025	0	0	000025	0	0	000025	0	0	000025	0	0	000025
000026	0	0	000026	0	0	000026	0	0							

*	180/D3380	0	180/D3380	0	252/D3350	14	251/D3350	12	251/D3350	14	251/D3350	8	*
---	-----------	---	-----------	---	-----------	----	-----------	----	-----------	----	-----------	---	---

*	252/D3350	13	100,00000	0	101,00000	11	101,00000	11	101,00000	11	101,00000	0	*
---	-----------	----	-----------	---	-----------	----	-----------	----	-----------	----	-----------	---	---

```
IEF236I  ALLOC.  FOR  SIMONCO  GO  COBOL
```

```
IEF237I 252  ALLOCATED TO SYSLIN
```

IEF237I JES2 ALLOCATED TO SYSLOUT

```
IEF237I JES2 ALLOCATED TO SYSOUT
```

```
IEF237I 180  ALLOCATED TO SYSLIB
```

```
IEF237I 180  ALLOCATED TO SYS00052
IEF237I JES2 ALLOCATED TO INPUT
IEF237I JES2 ALLOCATED TO OUTPUT
IEF142I SIMONCO GO COBOL - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS24146.T135926.RA000.SIMONCO.LOADSET      DELETED      *-----14
IEF285I   VOL SER NOS= WORK01.
IEF285I   JES2.JOB00292.S00105                        SYSOUT
```

```
IEF285I  JES2.JOB00292.S00106          SYSOUT
IEF285I  SIMON.COB.VSCLLIB              KEPT          *-----88
IEF285I  VOL SER NOS= PUB000.
IEF285I  UCPUB000                      KEPT          *-----0
IEF285I  VOL SER NOS= PUB000.
IEF285I  JES2.JOB00292.SI0102          SYSIN
IEF285I  JES2.JOB00292.S00107          SYSOUT
IEF373I STEP /GO          / START 24146.1359
IEF374I STEP /GO          / STOP  24146.1359 CPU      0MIN 00.03SEC SRB      0MIN 00.01SEC VIRT    332K SYS    212K
*****
*
*  STEP NUMBER:           2  USER CORE:           332K  START TIME:    13:59:26    CPU TIME:     00:00:00.04  ACTIVE TIME:  00:00:00.05  *
*  STEP NAME:      GO      SYSTEM CORE:           212K  STOP TIME:     13:59:26    SRB TIME:     00:00:00.01  ALLOC TIME:   13:59:26    *
*  PROGRAM NAME:  LOADER    REGION SIZE:           512K  ELAPSED TIME:  00:00:00.07  TCB TIME:     00:00:00.03  PROGRAM LOAD:  13:59:26    *
*  CONDITION CODE:  00000  PERFORMANCE GROUP:  004
*                               JES2 CARDS:           1      SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT  *
*                               556          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  *
*  252/D3350          14  180/D3380          88  180/D3380          0
*****
IEF375I  JOB /SIMONCO / START 24146.1359
IEF376I  JOB /SIMONCO / STOP  24146.1359 CPU      0MIN 00.10SEC SRB      0MIN 00.02SEC
```

1 13.59.26 MAY 25,1924

```
00001      IDENTIFICATION DIVISION.
00002      PROGRAM-ID. BIBLIOGRAPHY-ORDER-LIST.
00003      AUTHOR. SIMON SULSER.
00004      DATE-WRITTEN. MAY 19,1924.
00005      DATE-COMPILED. MAY 25,1924.
00006      *
00007      *
00008      ENVIRONMENT DIVISION.
00009      CONFIGURATION SECTION.
00010      SOURCE-COMPUTER. IBM-370.
00011      OBJECT-COMPUTER. IBM-370.
00012      *
00013      SPECIAL-NAMES.
00014          C01 IS TOP-OF-PAGE.
00015      *
00016      INPUT-OUTPUT SECTION.
00017      FILE-CONTROL.
00018          SELECT BIBLIOGRAPHY-CARD-FILE
00019              ASSIGN TO UT-S-INPUT.
00020          SELECT BIBLIOGRAPHY-LIST-FILE
00021              ASSIGN TO UT-S-OUTPUT.
00022      *
00023      *
00024      DATA DIVISION.
00025      *
00026      FILE SECTION.
00027      FD BIBLIOGRAPHY-CARD-FILE

00028      LABEL RECORD OMITTED.
00029      01 BIBLIOGRAPHY-CARD.
00030          05 BOOK-TITLE                PIC X(30) .
00031          05 BOOK-AUTHOR-NAME           PIC X(24) .
00032          05 BOOK-PUBLISHER             PIC X(20) .
00033          05 BOOK-PRICE                 PIC 99V99.
00034          05 ORDER-QUANTITY            PIC 99.
00035      *
00036      FD BIBLIOGRAPHY-LIST-FILE
00037      LABEL RECORD OMITTED.
00038      01 PRINT-LINE                    PIC X(132) .
00039      *
00040      WORKING-STORAGE SECTION.
00041      *
00042      77 MORE-CARDS                    PIC X(03)    VALUE "YES".
00043      77 LINE-COUNT                    PIC 99        VALUE ZEROS.
00044      77 SUM-PRICES-BY-PUBLISHER       PIC 9999V99  VALUE ZEROS.
00045      77 SUM-PRICES-OVER-ALL           PIC 9999V99  VALUE ZEROS.
00046      77 TOTAL-PRICE-PER-LINE         PIC 999V99    VALUE ZEROS.
00047      *
```

00048	01	REPORT-TITLE.		
00049		05 FILLER	PIC X(43)	VALUE SPACES.
00050		05 FILLER	PIC X(45)	VALUE
00051		"B I B L I O G R A P H Y	O R D E R	L I S T".
00052		05 FILLER	PIC X(44)	VALUE SPACES.
00053	*			
00054	01	COLUMN-HEADING.		

2	BIBLIOGR	13.59.26	MAY 25,1924	
00055	05 FILLER	PIC X(02)	VALUE SPACES.	
00056	05 FILLER	PIC X(09)	VALUE	
00057	"PUBLISHER".			
00058	05 FILLER	PIC X(13)	VALUE SPACES.	
00059	05 FILLER	PIC X(06)	VALUE "AUTHOR".	
00060	05 FILLER	PIC X(22)	VALUE SPACES.	
00061	05 FILLER	PIC X(05)	VALUE "TITLE".	
00062	05 FILLER	PIC X(30)	VALUE SPACES.	
00063	05 FILLER	PIC X(05)	VALUE "PRICE".	
00064	05 FILLER	PIC X(04)	VALUE SPACES.	
00065	05 FILLER	PIC X(08)	VALUE "QUANTITY".	
00066	05 FILLER	PIC X(06)	VALUE SPACES.	
00067	05 FILLER	PIC X(05)	VALUE "TOTAL".	
00068	05 FILLER	PIC X(02)	VALUE SPACES.	
00069	05 FILLER	PIC X(05)	VALUE "ERROR".	
00070	05 FILLER	PIC X(10)	VALUE SPACES.	
00071	*			
00072	01 ORDER-DETAIL-LINE.			
00073	05 FILLER	PIC X(24)	VALUE SPACES.	
00074	05 BOOK-AUTHOR-NAME	PIC X(24).		
00075	05 FILLER	PIC X(04)	VALUE SPACES.	
00076	05 BOOK-TITLE	PIC X(30).		
00077	05 FILLER	PIC X(04)	VALUE SPACES.	
00078	05 BOOK-PRICE	PIC \$\$\$9.99.		
00079	05 FILLER	PIC X(07)	VALUE SPACES.	
00080	05 ORDER-QUANTITY	PIC Z9.		
00081	05 FILLER	PIC X(06)	VALUE SPACES.	
00082	05 TOTAL-AMOUNT	PIC \$\$\$9.99.		
00083	05 FILLER	PIC X(02)	VALUE SPACES.	
00084	05 ERROR-MESSAGE	PIC X(15).		
00085	*			
00086	01 PUBLISHER-NAME-LINE.			
00087	05 FILLER	PIC X(02)	VALUE SPACES.	
00088	05 PUBLISHER-NAME	PIC X(20).		
00089	05 FILLER	PIC X(110)	VALUE SPACES.	
00090	*			
00091	01 ORDER-TOTAL-LINE.			
00092	05 FILLER	PIC X(81)	VALUE SPACES.	
00093	05 OUTPUT-TOTAL-NAME	PIC X(20).		
00094	05 FILLER	PIC X(04)	VALUE SPACES.	
00095	05 ORDER-TOTAL	PIC \$\$\$,\$\$9.99.		
00096	05 FILLER	PIC X(17)	VALUE SPACES.	
00097	*			
00098	*			
00099	PROCEDURE DIVISION.			
00100	MAINLINE-CONTROL-ROUTINE.			
00101	PERFORM INITIALIZATION.			
00102	PERFORM PROCESS-AND-READ UNTIL MORE-CARDS = "NO".			

```
00103      PERFORM PRINT-TOTALS-AND-CLOSE.
00104      STOP RUN.
00105      *
00106      INITIALIZATION.
00107      OPEN INPUT BIBLIOGRAPHY-CARD-FILE.
00108      OPEN OUTPUT BIBLIOGRAPHY-LIST-FILE.
00109      READ BIBLIOGRAPHY-CARD-FILE AT END
00110      MOVE "NO" TO MORE-CARDS.
00111      IF MORE-CARDS = "YES" THEN
```

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```
00112          MOVE BOOK-PUBLISHER OF BIBLIOGRAPHY-CARD
00113          TO PUBLISHER-NAME
00114          PERFORM NEW-PAGE-ROUTINE.
00115      *
00116      PROCESS-AND-READ.
00117          PERFORM INPUT-VALIDATION-ROUTINE.
00118          IF BOOK-PUBLISHER OF BIBLIOGRAPHY-CARD NOT = PUBLISHER-NAME
00119          THEN PERFORM NEW-PUBLISHER-ROUTINE.
00120          IF LINE-COUNT > 50 THEN
00121          PERFORM NEW-PAGE-ROUTINE.

00122          MOVE CORRESPONDING BIBLIOGRAPHY-CARD TO ORDER-DETAIL-LINE.
00123          IF ERROR-MESSAGE = SPACES THEN
00124          COMPUTE TOTAL-PRICE-PER-LINE = BOOK-PRICE OF
00125          BIBLIOGRAPHY-CARD * ORDER-QUANTITY OF BIBLIOGRAPHY-CARD
00126          ADD TOTAL-PRICE-PER-LINE TO SUM-PRICES-BY-PUBLISHER,
00127          SUM-PRICES-OVER-ALL
00128          MOVE TOTAL-PRICE-PER-LINE TO TOTAL-AMOUNT
00129          ELSE
00130          MOVE ZEROS TO TOTAL-PRICE-PER-LINE.
00131          MOVE TOTAL-PRICE-PER-LINE TO TOTAL-AMOUNT.
00132          WRITE PRINT-LINE FROM ORDER-DETAIL-LINE AFTER 1 LINE.
00133          ADD 1 TO LINE-COUNT.
00134          READ BIBLIOGRAPHY-CARD-FILE AT END
00135          MOVE "NO" TO MORE-CARDS.
00136      *
00137          INPUT-VALIDATION-ROUTINE.
00138          IF BOOK-PUBLISHER OF BIBLIOGRAPHY-CARD = SPACES THEN
00139          MOVE "NO PUBLISHER" TO ERROR-MESSAGE
00140          ELSE
00141          IF BOOK-TITLE OF BIBLIOGRAPHY-CARD = SPACES THEN
00142          MOVE "NO TITLE" TO ERROR-MESSAGE
00143          ELSE
00144          IF BOOK-AUTHOR-NAME OF BIBLIOGRAPHY-CARD = SPACES THEN
00145          MOVE "NO AUTHOR" TO ERROR-MESSAGE
00146          ELSE
00147          IF BOOK-PRICE OF BIBLIOGRAPHY-CARD NOT NUMERIC THEN
00148          MOVE ZEROS TO BOOK-PRICE OF BIBLIOGRAPHY-CARD
00149          MOVE "INVALID PRICE" TO ERROR-MESSAGE
00150          ELSE

00151          IF BOOK-PRICE OF BIBLIOGRAPHY-CARD = ZEROS THEN
00152          MOVE "INVALID PRICE" TO ERROR-MESSAGE
00153          ELSE
00154          IF ORDER-QUANTITY OF BIBLIOGRAPHY-CARD
00155          NOT NUMERIC THEN
00156          MOVE ZEROS TO ORDER-QUANTITY OF
00157          BIBLIOGRAPHY-CARD
00158          MOVE "INVALID QTY" TO ERROR-MESSAGE
00159          ELSE
```

```
00160             IF ORDER-QUANTITY OF BIBLIOGRAPHY-CARD
00161                 = ZEROS THEN
00162                 MOVE "INVALID QTY" TO ERROR-MESSAGE
00163             ELSE
00164                 MOVE SPACES TO ERROR-MESSAGE.
00165 *
00166     NEW-PUBLISHER-ROUTINE.
00167         MOVE " PUBLISHER SUBTOTAL:" TO OUTPUT-TOTAL-NAME.
00168         MOVE SUM-PRICES-BY-PUBLISHER TO ORDER-TOTAL.
```

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```
00169      WRITE PRINT-LINE FROM ORDER-TOTAL-LINE AFTER 2 LINES.
00170      MOVE BOOK-PUBLISHER OF BIBLIOGRAPHY-CARD TO PUBLISHER-NAME.
00171      ADD 2 TO LINE-COUNT.
00172      MOVE ZEROS TO SUM-PRICES-BY-PUBLISHER.
00173      IF LINE-COUNT > 50 THEN
00174          PERFORM NEW-PAGE-ROUTINE
00175      ELSE
00176          WRITE PRINT-LINE FROM PUBLISHER-NAME-LINE AFTER 2 LINES
00177          ADD 2 TO LINE-COUNT.
00178      *
00179      NEW-PAGE-ROUTINE.

00180      WRITE PRINT-LINE FROM REPORT-TITLE AFTER TOP-OF-PAGE.
00181      WRITE PRINT-LINE FROM COLUMN-HEADING AFTER 2 LINES.
00182      WRITE PRINT-LINE FROM PUBLISHER-NAME-LINE AFTER 2 LINES.
00183      MOVE 5 TO LINE-COUNT.
00184      *
00185      PRINT-TOTALS-AND-CLOSE.
00186      MOVE " PUBLISHER SUBTOTAL:" TO OUTPUT-TOTAL-NAME.
00187      MOVE SUM-PRICES-BY-PUBLISHER TO ORDER-TOTAL.
00188      WRITE PRINT-LINE FROM ORDER-TOTAL-LINE AFTER 2 LINES.
00189      MOVE " OVERALL ORDER TOTAL:" TO OUTPUT-TOTAL-NAME.
00190      MOVE SUM-PRICES-OVER-ALL TO ORDER-TOTAL.
00191      WRITE PRINT-LINE FROM ORDER-TOTAL-LINE AFTER 2 LINES.
00192      CLOSE BIBLIOGRAPHY-CARD-FILE, BIBLIOGRAPHY-LIST-FILE.
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*STATISTICS*      SOURCE RECORDS =   192      DATA DIVISION STATEMENTS =   57      PROCEDURE DIVISION STATEMENTS =   74
*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	3760
ENTRY ADDRESS	9C010

B I B L I O G R A P H Y O R D E R L I S T

PUBLISHER	AUTHOR	TITLE	PRICE	QUANTITY	TOTAL	ERROR
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THIEME					
	PHILIP K. DICK	DO ANDROIDS DREAM OF SHEEP	\$12.34	20	\$246.80

PHILIP K. DICK	DO ANDROIDS DREAM OF SHEEP	\$12.34	20	\$246.80	
WENDY DOUGLAS	COOKNG FOR FUN	\$54.82	33	\$809.06	
	DON'T KNOW WHO WROTE THIS	\$10.05	25	\$0.00	NO AUTHOR

PUBLISHER SUBTOTAL:		\$1,055.86
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ALEXA					
	DOUGLAS ADAMS	THE HITCHHIKER'S GUIDE	\$45.67	19	\$867.73

DOUGLAS ADAMS	THE HITCHHIKER'S GUIDE	\$45.67	19	\$867.73	
BENNY KING MEYERS	AND ANOTHER BOOK JUST SO	\$45.87	56	\$568.72	
JAMES FREE KAHN	EVERYTHING FOR FREE !!!	\$0.00	0	\$0.00	INVALID PRICE

PUBLISHER SUBTOTAL:	\$1,436.45
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REDERER					
	RAY BRADBURY	SOMETHING WICKED THIS WAY	\$78.95	22	\$736.90

RAY BRADBURY	SOMETHING WICKED THIS WAY	\$78.95	22	\$736.90	
JIMMY BRIXTON	WHAT SHOULD I DO NEXT...	\$87.55	21	\$838.55	
ANNA WENDENER		\$63.52	41	\$0.00	NO TITLE

PUBLISHER SUBTOTAL:		\$1,575.45
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ADDISON-WESLEY					
	IRINA SAD	NOONE WANTS TO PUBLISH MY BK	\$6.50	2	\$13.00

ARON, JOEL D.	THE MYTHICAL MAN-MONTH	\$13.00	6	\$78.00	
DATE, C. J.	THE PROGRAM DEVELOPMENT PROCES	\$0.00	12	\$0.00	INVALID PRICE
LORIN, HAROLD	INTRO TO DATABASE SYSTEMS	\$16.95	3	\$50.85	
BURGE, WILLIAM H.	SORTING AND SORT SYSTEMS	\$15.95	7	\$111.65	
LEWIS/ROSENKRANTZ/STEARNS	RECURSIVE PROGRAMMING TECHNIQ	\$18.95	19	\$360.05	
BROOKS, FREDERICK P. JR.	COMPILER DESIGN THEORY	\$17.75	11	\$195.25	

PUBLISHER SUBTOTAL:		\$808.80
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OVERALL ORDER TOTAL	\$4,876.56
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SSSSSSSSSS		IIIIIIIIII	MM	MM	OO	NN	NN	CCCCCCCC	OO
SSSSSSSSSS		IIIIIIIIII	MMM	MMM	OO	NNN	NN	CCCCCCCC	OO
SS	SS	II	MMMM	MMMM	OO	NNNN	NN	CC	OO
SS		II	MM	MM	OO	NN	NN	CC	OO
SSS		II	MM	MMM	MM	OO	NN	CC	OO
SSSSSSSS		II	MM	MM	OO	NN	NN	CC	OO
SSSSSSSS		II	MM	MM	OO	NN	NN	CC	OO
SSS		II	MM	MM	OO	NN	NN	CC	OO
SS	SS	II	MM	MM	OO	NN	NNNN	CC	OO
SS	SS	II	MM	MM	OO	NN	NNN	CC	OO
SSSSSSSSSS	IIIIIIIIII	MM	MM	OO	NN	NN	CCCCCCCC	OO	OO
SSSSSSSS	IIIIIIIIII	MM	MM	OO	NN	N	CCCCCCCC	OO	OO

JJJJJJJJJ	222222222	999999999	222222222	AAAAAAAAA
JJJJJJJJJ	22222222222	99999999999	22222222222	AAAAAAAAAAA
JJ	22	99	22	AA
JJ		99	22	AA
JJ		99	22	AA
JJ	22	99999999999	22	AAAAAAAAAAA
JJ	22	99999999999	22	AAAAAAAAAAA
JJ	22	99	22	AA
JJ	JJ	99	22	AA
JJ	JJ	99	22	AA
JJJJJJJ	22222222222	99999999999	22222222222	AA
JJJJJ	22222222222	999999999	22222222222	AA

****A END JOB 292 SIMONCO BIBLIOGRAPHY REPORT ROOM 1.59.26 PM 25 MAY 24 PRINTER1 SYS HMVS JOB 292 END A****