

Assignment7.txt

J E S 2 J O B L O G -- S Y S T E M S 0 W 1 -- N O
D E Z O S K C T R

00.40.06 JOB06676 ---- FRIDAY, 03 NOV 2017 ----
00.40.06 JOB06676 IRR010I USERID KC03H13 IS ASSIGNED TO THIS JOB.
00.40.06 JOB06676 ICH70001I KC03H13 LAST ACCESS AT 00:34:48 ON FRIDAY,
NOVEMBER 3, 2017
00.40.06 JOB06676 \$HASP373 KC03H13A STARTED - INIT 2 - CLASS A -
SYS S0W1
00.40.06 JOB06676 - --TIMINGS
(MINS.)-- ----PAGING COUNTS---
00.40.06 JOB06676 -JOBNAME STEPNAME PROCSTEP RC EXCP TCB SRB
CLOCK SERV PG PAGE SWAP VIO SWAPS
00.40.06 JOB06676 -KC03H13A 00 54 ***** .00
.0 160 0 0 0 0 0
00.40.06 JOB06676 -KC03H13A ENDED. NAME-TOM EISENBRANDT TOTAL TCB CPU
TIME= .00 TOTAL ELAPSED TIME= .0
00.40.06 JOB06676 \$HASP395 KC03H13A ENDED

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

03 NOV 2017 JOB EXECUTION DATE

320 CARDS READ

389 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

42 SYSOUT SPOOL KBYTES

0.00 MINUTES EXECUTION TIME

!! END OF JES SPOOL FILE !!

1 //KC03H13A JOB , 'TOM EISENBRANDT', MSGCLASS=H
JOB06676

2 //JSTEP01 EXEC PGM=ASSIST
00020000

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3 //STEPLIB DD DSN=KC00NIU.ASSIST.LOADLIB,DISP=SHR
00030000

4 //SYSPRINT DD SYSOUT=*
00040000

5 //SYSIN DD *
00050000

/*
00300101

6 //FT05F001 DD *
00301037

/*
00550037

7 //FT06F001 DD SYSOUT=*
00560037

/*
00570037

8 //SYSPRINT DD SYSOUT=*
00580037

!! END OF JES SPOOL FILE !!

ICH70001I KC03H13 LAST ACCESS AT 00:34:48 ON FRIDAY, NOVEMBER 3, 2017

IEF236I ALLOC. FOR KC03H13A JSTEP01

IGD103I SMS ALLOCATED TO DDNAME STEPLIB

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I JES2 ALLOCATED TO SYSIN

IEF237I JES2 ALLOCATED TO FT05F001

IEF237I JES2 ALLOCATED TO FT06F001

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I KC03H13A JSTEP01 - STEP WAS EXECUTED - COND CODE 0000

IGD104I KC00NIU.ASSIST.LOADLIB RETAINED,
DDNAME=STEPLIB

IEF285I KC03H13.KC03H13A.JOB06676.D0000103.? SYSOUT

IEF285I KC03H13.KC03H13A.JOB06676.D0000101.? SYSIN

IEF285I KC03H13.KC03H13A.JOB06676.D0000102.? SYSIN

IEF285I KC03H13.KC03H13A.JOB06676.D0000104.? SYSOUT

IEF285I KC03H13.KC03H13A.JOB06676.D0000105.? SYSOUT

IEF373I STEP/JSTEP01 /START 2017307.0040

IEF032I STEP/JSTEP01 /STOP 2017307.0040

CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC

VIRT: 584K SYS: 264K EXT: 0K SYS: 11476K

ATB- REAL: 12K SLOTS: 0K

VIRT- ALLOC: 2M SHRD: 0M

IEF375I JOB/KC03H13A/START 2017307.0040

IEF033I JOB/KC03H13A/STOP 2017307.0040

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CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC

!! END OF JES SPOOL FILE !!

↑

*** ASSIST 4.0/A2-05/15/82 470/V7A/0:0S/VS2 INS=SDFP7/X=BGH0,
CHECK/TRC/=1180, OPTS=CDKMPR FROM PENN ST*NIU COMPSCI*LT

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LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

1

00060004

2 * PROGRAMMER NAME: TOM EISENBRANDT

* 00070004

3 *

* 00071004

4 *

DATE: NOVEMBER 1ST 2017

11:59PM

* 00080035

5 *

* 00081004

6 *

PROGRAM NAME: ASSIGN7

* 00090033

7 *

* 00091004

8 *

FUNCTION: CHECKS IF NUMBER

IS

* 00100034

9 *

X=0 OR X<0 OR X>0

* 00110034

10 *

RECORDS TOTALS

* 00111034

11 *

PRINT RESULTS

* 00112034

12 *

* 00114034

13 *

INPUT: //FT05F001 DD

DSN=KC02322

*

00120034

14 *

.CSCI360.DATAFA17(DATA7),

*

00130034

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		15 *	DISP=SHR
	*	00130134	
		16 *	
	*	00130434	
		17 *	OUTPUT: PRINT NUMBER AND
IF	*	00131034	
		18 *	X=0 OR X<0 OR X>0
	*	00131134	
		19 *	TOTALS OF COUNT
	*	00131234	
		20 *	MAX,MIN,AVERAGE
	*	00131334	
		21 *	
	*	00131434	
		22 *	ENTRY CONDS: NONE
	*	00133004	
		23 *	
	*	00134004	
		24 *	REGISTER USAGE: 00 NONE ---
	*	00135036	
		25 *	01 XDECI
	*	00135134	
		26 *	02 DIVIDE
	*	00135236	
		27 *	03 AVERAGE/DIVIDE
	*	00136036	
		28 *	04 NONE ---
	*	00136139	
		29 *	05 INPUT HOLDER
	*	00136234	
		30 *	06 ZERO
HOLDER(MAKESHIFT 'IF')*		00136336	
		31 *	07 TOTAL VALUE
	*	00136435	
		32 *	08 INPUT COUNT
	*	00136535	
		33 *	09 X<0 NEGATIVE
COUNT	*	00136634	
		34 *	10 X=0 ZERO COUNT
	*	00136734	
		35 *	11 X>0 POSITIVE
COUNT	*	00136834	
		36 *	12 HIGHEST VALUE
	*	00136936	

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```

*          37 *          13 LOWEST VALUE
00137036
*          38 *          14 CALLER
00137107
*          39 *          15 MAIN
00137207
*          40 *
00137307
*          41 *          EXIT CONDS: BR 14
00137634
*          42 *
00138032
*          43 *          NOTES: NONE
00139004
*          44 *
00139104
*          45
*****
00140031
000000          46 MAIN      CSECT
00150000
000000          47 *
00151005
000000          48          USING MAIN,15
ESTABLISH REGISTER 15          00274433
000000          49 *
00274811
000000 1B22          50          SR      2,2
ZERO OUT REGISTER 2          00274936
000000          51 *
00275036
000000 1B33          52          SR      3,3
ZERO OUT REGISTER 3          00275136
↑

```

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT	SOURCE STATEMENT
				53 *	
				00275236	
000004	1B55			54	SR 5,5
				00275536	
				55 *	

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000006 1B66	00275635		
ZERO OUT REGISTER 6	56	SR	6,6
	00275736		
	57 *		
000008 1B77	00275835		
ZERO OUT REGISTER 7	58	SR	7,7
	00275935		
	59 *		
00000A 1B88	00276035		
ZERO OUT REGISTER 8	60	SR	8,8
	00276135		
	61 *		
00000C 1B99	00276235		
ZERO OUT REGISTER 9	62	SR	9,9
	00276334		
	63 *		
00000E 1BAA	00276434		
ZERO OUT REGISTER 10	64	SR	10,10
	00276534		
	65 *		
000010 1BBB	00276634		
ZERO OUT REGISTER 11	66	SR	11,11
	00276734		
	67 *		
000012 1BCC	00276834		
ZERO OUT REGISTER 12	68	SR	12,12
	00276936		
	69 *		
000014 1BDD	00277036		
ZERO OUT REGISTER 13	70	SR	13,13
	00277136		
	71 *		
000016 E020 F108 0085 00108	00277438		
PRINT RECORDS HEADER	72	XPRNT NUMR,133	
	00277933		
	73 *		
	00278033		
	74		

00278135			
	75 *	INPUT LOOP	
*	00278235		
	76		

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00278335

```

77 *
00278435
00001C E000 F0FC 0050 000FC      78      XREAD BUFFER,80
START READ INPUT                  00278533
79 *
00278633
000022 4740 F0AC      000AC      80 LOOP1      BC      B'0100',NEXT
END OF FILE CHECK                00278733
81 *
00278833
000026 5350 F0FC      000FC      82      XDECI 5,BUFFER
MATH FORMAT                      00278934
83 *
00279034
00002A 5A80 F0F8      000F8      84      A      8,=F'1'
TOTAL COUNT                     00279335
85 *
00279435
00002E 1A75      86      AR      7,5
TOTAL VALUE                     00279536
87 *
00279635
88 ***** HIGHEST & LOWEST FUNCTION
*****
00279936
89 *
00280038
000030 1956      90      CR      5,6
COMPARE WITH ZERO               00280539
91 *
00280638
000032 4780 F052      00052      92      BC      B'1000',ZIPPER
BRANCH TO ZIPPER(NULL)         00280739
93 *
00280838
000036 195C      94      CR      5,12
COMPARE INPUT WITH MAX         00280939
95 *
00281036
000038 4780 F046      00046      96      BC      B'1000',MAXI
BRANCH TO MAXI                 00281139
97 *
00281236
00003C 195D      98      CR      5,13

```

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COMPARE INPUT WITH MIN

00003E 47C0 F04C
BRANCH TO MINI

0004C

00281337
99 *

00281436

100

BC

B'1100',MINI

00281539

101 *

00281638

000042 47F0 F052
DEFAULT BRANCH

00052

102

BC

B'1111',ZIPPER

00281739

103 *

00281839

000046 18C5
-> R12

104 MAXI

LR

12,5

R5

00281937

105 *

00282036

000048 47F0 F052
CONTINUE

00052

106

BC

B'1111',ZIPPER

00282137

107 *

00282236

00004C 18D5
-> R13

108 MINI

LR

13,5

R5

00282337

109 *

00282436

↑

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LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

00004E 47F0 F052
CONTINUE

00052

110

BC

B'1111',ZIPPER

00282537

111 *

00282636

112 ***** DETERMINE VALUE TYPE

00282736

000052 1A56
ADD ZERO TO NUMBER FOR CC

113 ZIPPER

AR

5,6

00282836

114 *

00282934

000054 4720 F094
BRANCH TO POSITIVE FXN

00094

115

BC

B'0010',POSI

00283037

116 *

00283134

000058 1A56

117

AR

5,6

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ADD ZERO TO NUMBER FOR CC		00283236			
		118 *			
		00283335			
00005A 4740 F064	00064	119	BC	B'0100',NEGA	
BRANCH TO NEGATIVE FXN		00283437			
		120 *			
		00283535			
00005E 1A56		121	AR	5,6	
ADD ZERO TO NUMBER FOR CC		00283639			
		122 *			
		00283735			
000060 4780 F07C	0007C	123	BC	B'1000',ZERO	
BRANCH TO ZERO FXN		00283835			
		124 *			
		00283935			
		125 *	BC	B'1111',LOOP1	
INPUT ERROR		00284039			
		126 *			
		00284135			
		127 *****		NEGATIVE FUNCTION	
*****		00284235			
000064 5A90 F0F8	000F8	128 NEGA	A	9,=F'1'	
NEGATIVE COUNTER		00284334			
		129 *			
		00284434			
000068 5250 F1A1	001A1	130	XDECO	5,NNUM	R5
IN PRINT FORM NNUM		00284536			
		131 *			
		00284636			
00006C E020 F18D 0085 0018D		132	XPRNT	NPRINT,133	
PRINT NEGATIVE LINE		00284736			
		133 *			
		00284836			
000072 E000 F0FC 0050 000FC		134	XREAD	BUFFER,80	
READ DATA		00284937			
		135 *			
		00285037			
000078 47F0 F022	00022	136	BC	B'1111',LOOP1	
RESTART LOOP		00285136			
		137 *			
		00285235			
		138 *****		ZERO FUNCTION	
*****		00285335			
00007C 5AA0 F0F8	000F8	139 ZERO	A	10,=F'1'	

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```

ZERO COUNTER                                00285434
                                           140 *
                                           00285534
000080 5250 F226                          00226 141          XDECO 5,ZNUM          R5
IN PRINT FORM ZNUM                        00285636
                                           142 *
                                           00285736
000084 E020 F212 0085 00212              143          XPRNT ZPRINT,133
PRINT ZERO LINE                          00285836
                                           144 *
                                           00285936
00008A E000 F0FC 0050 000FC              145          XREAD BUFFER,80
READ DATA                              00286037
                                           146 *
                                           00286137
000090 47F0 F022                          00022 147          BC      B'1111',LOOP1
RESTART LOOP                            00286236
                                           148 *
                                           00286335
                                           149 ***** POSITIVE FUNCTION
*****                                     00286435
000094 5AB0 F0F8                          000F8 150 POSI      A      11,=F'1'
POSITIVE COUNTER                        00286534
                                           151 *
                                           00286633
000098 5250 F2AB                          002AB 152          XDECO 5,PNUM          R5
IN PRINT FORM PNUM                      00286736
                                           153 *
                                           00286836
00009C E020 F297 0085 00297              154          XPRNT PPRINT,133
PRINT POSITIVE LINE                    00286936
                                           155 *
                                           00287036
0000A2 E000 F0FC 0050 000FC              156          XREAD BUFFER,80
READ DATA                              00287137
                                           157 *
                                           00287237
0000A8 47F0 F022                          00022 158          BC      B'1111',LOOP1
RESTART LOOP                            00287336
                                           159 *
                                           00287435
                                           160
*****
00287534

```

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```

*
161 *
00287634
162
*****
00287734
163 *
00287835
0000AC E020 F31C 0085 0031C 164 NEXT XPRNT TOTALS,133
PRINT TOTALS HEADER 00287933
165 *
00288033
0000B2 5290 F4BF 004BF 166 XDECO 9,NNN
NEGATIVE COUNT 00288136
↑

```

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT	SOURCE STATEMENT	
				167 *		
				00288234		
0000B6	52A0 F3B5		003B5	168	XDECO 10,ZZZ	
ZERO COUNT				00288336		
				169 *		
				00288434		
0000BA	52B0 F43A		0043A	170	XDECO 11,PPP	
POSITIVE COUNT				00288536		
				171 *		
				00288637		
0000BE	1837			172	LR 3,7	R7
-> R3				00288737		
				173 *		
				00288836		
0000C0	1D28			174	DR 2,8	
SOLVE AVERAGE(=R3)				00288936		
				175 *		
				00289036		
0000C2	5230 F544		00544	176	XDECO 3,AVERAGE	
AVERAGE				00289136		
				177 *		
				00289236		
0000C6	52C0 F5C9		005C9	178	XDECO 12,HIGH	
HIGHEST VALUE				00289336		
				179 *		

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```

0000CA 52D0 F64E      0064E  180      XDECO 13,LOW
LOWEST VALUE          00289436
                      181 *
                      00289536
                      182      XPRNT ZCOUNT,133
0000CE E020 F3A1 0085 003A1
ZERO COUNT PRINT      00289633
                      183 *
                      00289736
                      184      XPRNT PCOUNT,133
0000D4 E020 F426 0085 00426
POSITIVE COUNT PRINT  00289836
                      185 *
                      00289936
                      186      XPRNT NCOUNT,133
0000DA E020 F4AB 0085 004AB
NEGATIVE COUNT PRINT  00290036
                      187 *
                      00290136
                      188      XPRNT AVG,133
0000E0 E020 F530 0085 00530
AVERAGE PRINT        00290236
                      189 *
                      00290336
                      190      XPRNT MAX,133
0000E6 E020 F5B5 0085 005B5
HIGHEST PRINT         00290436
                      191 *
                      00290536
                      192      XPRNT MIN,133
0000EC E020 F63A 0085 0063A
LOWEST PRINT          00290636
                      193 *
                      00290736
                      194      BR      14
0000F2 07FE
RETURN TO CALLER      00290836
                      195 *
                      00290933
                      196
*****
00291133
                      197 *
*                      00291233
                      198
*****
00291333
                      199 *
                      00291435
                      200      LTORG ,

```

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LTORG	00291533		
0000F8 00000001	201	=F'1'	
	202 *		
	00291636		
0000FC	203 BUFFER	DS	CL12
INPUT BUFFER	00291736		
	204 *		
	00291838		
*****	205 *****	FIRST HEADER	
		00291936	
000108 F1	206 NUMR	DC	C'1'
NUMBER REPORT HEADER	00292039		
000109 5C5C5C40D5E4D4C2	207	DC	CL21'*** NUMBER
REPORT ***' STRING	00292133		
00011E 4040404040404040	208	DC	111C' '
SPACING	00292233		
	209 *		
	00292336		
*****	210 *****	NEGATIVE PRINTER	
		00292436	
00018D 40	211 NPRINT	DC	C' '
LINE PRINT	00292537		
00018E 4040	212	DC	2C' '
SPACING	00292636		
000190 D5E4D4C2C5D940D7	213	DC	CL17'NUMBER
PROCESSED:' STRING	00292736		
0001A1	214 NNUM	DS	CL12
INPUT NUMBER	00292836		
0001AD 40	215	DC	1C' '
SPACING	00292936		
0001AE D5C5C7C1E3C9E5C5	216	DC	CL8'NEGATIVE'
NEGATIVE	00293036		
0001B6 4040404040404040	217	DC	92C' '
SPACING	00293136		
	218 *		
	00293236		
*****	219 *****	ZERO PRINTER	
		00293336	
000212 40	220 ZPRINT	DC	C' '
LINE PRINT	00293437		
000213 4040	221	DC	2C' '
SPACING	00293536		
000215 D5E4D4C2C5D940D7	222	DC	CL17'NUMBER

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PROCESSED: ' STRING 00293636
 000226 223 ZNUM DS CL12
 INPUT NUMBER 00293736

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT	SOURCE	STATEMENT
000232	40			224	DC	1C' '
	SPACING				00293836	
000233	E9C5D9D640404040			225	DC	CL8'ZERO '
	STRING				00293936	
00023B	4040404040404040			226	DC	92C' '
	SPACING				00294036	
				227	*	
				00294136		
				228	*****	POSITIVE PRINTER
					00294236	
000297	40			229	PPRINT	DC C' '
	LINE PRINT				00294337	
000298	4040			230	DC	2C' '
	SPACING				00294434	
00029A	D5E4D4C2C5D940D7			231	DC	CL17'NUMBER
	PROCESSED: ' STRING				00294534	
0002AB				232	PNUM	DS CL12
	INPUT NUMBER				00294636	
0002B7	40			233	DC	1C' '
	SPACING				00294734	
0002B8	D7D6E2C9E3C9E5C5			234	DC	CL8'POSITIVE'
	STRING				00294836	
0002C0	4040404040404040			235	DC	92C' '
	SPACING				00294936	
				236	*	
				00295036		
				237		
				00295136		
				238	*	TOTAL PRINTERS
	*			00295236		
				239		
				00295336		
				240	*	

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```

*****
00031C F1
TOTALS HEADER
00031D 5C5C5C5C40E3D6E3
****'      STRING
00032D 4040404040404040
SPACING

*****

0003A1 40
ZERO PRINTER
0003A2 D5E4D4C2C5D940D6
ZEROS:'      STRING
0003B5
ZERO COUNT
0003C1 4040404040404040
SPACING

*****

000426 40
POSITIVE PRINTER
000427 D5E4D4C2C5D940D6
POSITIVE:'    STRING
00043A
POSITIVE COUNT
000446 4040404040404040
SPACING

*****

0004AB 40
NEGATIVE PRINTER
0004AC D5E4D4C2C5D940D6
NEGATIVE:'    STRING
0004BF

```

```

00295436
241 ***** SECOND HEADER
00295536
242 TOTALS DC C'1'
00295639
243 DC CL16'**** TOTALS
00295733
244 DC 116C' '
00295833
245 *
00295936
246 ***** ZERO COUNT PRINT
00296036
247 *
00296136
248 ZCOUNT DC C' '
00296237
249 DC CL19'NUMBER OF
00296336
250 ZZZ DS CL12
00296436
251 DC 101C' '
00296536
252 *
00296636
253 ***** POSITIVE COUNT PRINT
00296736
254 PCOUNT DC C' '
00296837
255 DC CL19'NUMBER OF
00296936
256 PPP DS CL12
00297036
257 DC 101C' '
00297136
258 *
00297236
259 ***** NEGATIVE COUNT PRINT
00297336
260 NCOUNT DC C' '
00297437
261 DC CL19'NUMBER OF
00297536
262 NNN DS CL12

```

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NEGATIVE COUNT
0004CB 4040404040404040
SPACING

00297636
263 DC 101C' '
00297736
264 *
00297836
265 ***** AVERAGE VALUE PRINT
00297936
266 AVG DC C' '
00298037
267 DC CL19'
00298136
268 AVERAGE DS CL12
00298236
269 DC 101C' '
00298336
270 *

000530 40
AVERAGE PRINTER
000531 4040404040404040
AVERAGE: ' STRING
000544
AVERAGE VALUE
000550 4040404040404040
SPACING

00298436
271 ***** HIGHEST VALUE PRINT
00298536
272 MAX DC C' '
00298637
273 DC CL19'
00298736
274 HIGH DS CL12
00298836
275 DC 101C' '
00298936
276 *

0005B5 40
MAX PRINTER
0005B6 4040404040404040
HIGHEST: ' STRING
0005C9
HIGHEST VALUE
0005D5 4040404040404040
SPACING

00299036
277 ***** LOWEST VALUE PRINT
00299136
278 MIN DC C' '
00299237
279 DC CL19'
00299336
280 LOW DS CL12
00299436

00063A 40
MIN PRINTER
00063B 4040404040404040
LOWEST: ' STRING
00064E
LOWEST VALUE

↑

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT	SOURCE	STATEMENT
00065A	4040404040404040			281	DC	101C' '

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SPACING

00299536

282 *

00299636

283

00299736

284 *

00299836

285

END MAIN

END PROGRAM

00299909

*** NO STATEMENTS FLAGGED - NO WARNINGS, NO ERRORS

*** DYNAMIC CORE AREA USED: LOW: 14248 HIGH: 872 LEAVING: 478448
FREE BYTES. AVERAGE: 52 BYTES/STMT ***

*** ASSEMBLY TIME = 0.001 SECS, 286000 STATEMENTS/SEC ***

*** PROGRAM EXECUTION BEGINNING - ANY OUTPUT BEFORE EXECUTION TIME MESSAGE
IS PRODUCED BY USER PROGRAM ***



*** NUMBER REPORT ***

NUMBER PROCESSED: 500 POSITIVE

NUMBER PROCESSED: 23 POSITIVE

NUMBER PROCESSED: -45 NEGATIVE

NUMBER PROCESSED: 0 ZERO

NUMBER PROCESSED: 5 POSITIVE

NUMBER PROCESSED: -1 NEGATIVE

NUMBER PROCESSED: 324 POSITIVE

NUMBER PROCESSED: 99999 POSITIVE

NUMBER PROCESSED: 41 POSITIVE

NUMBER PROCESSED: 17 POSITIVE

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NUMBER PROCESSED:	0 ZERO
NUMBER PROCESSED:	-2280 NEGATIVE
NUMBER PROCESSED:	-47 NEGATIVE
NUMBER PROCESSED:	888 POSITIVE
NUMBER PROCESSED:	-35 NEGATIVE
NUMBER PROCESSED:	4 POSITIVE
NUMBER PROCESSED:	-99 NEGATIVE
NUMBER PROCESSED:	0 ZERO
NUMBER PROCESSED:	-66 NEGATIVE
NUMBER PROCESSED:	100 POSITIVE
NUMBER PROCESSED:	333 POSITIVE
NUMBER PROCESSED:	95 POSITIVE
NUMBER PROCESSED:	-59 NEGATIVE



**** TOTALS ****

NUMBER OF ZEROS:	3
NUMBER OF POSITIVE:	12
NUMBER OF NEGATIVE:	8
AVERAGE:	4334
HIGHEST:	0
LOWEST:	-2280

*** EXECUTION TIME = 0.001 SECS. 459 INSTRUCTIONS EXECUTED -

Assignment7.txt

459000 INSTRUCTIONS/SEC ***

*** AM004 - NORMAL USER TERMINATION BY RETURN ***

!! END OF JES SPOOL FILE !!