**CSCI 360-1/PE1 Assignment 1 – Exact Output Spring 2022**

**Please note that MOST blank lines that you will see in your output have been removed from this document to save space! Also, the lines shown down to Page 1 (far right of the page) will be different in your run of the job but the color-coding for KEYs 1 and 2 shows important areas. Your output will also NOT be highlighted like you see here.**

22.16.04 JOB06383 ---- MONDAY, 24 JAN 2022 ----

22.16.04 JOB06383 IRR010I USERID KC02322 IS ASSIGNED TO THIS JOB.

22.16.04 JOB06383 ICH70001I KC02322 LAST ACCESS AT 22:15:11 ON MONDAY, JANUARY 24, 2022

22.16.04 JOB06383 $HASP373 KC02322A STARTED - INIT 2 - CLASS A - SYS 2964

22.16.04 JOB06383 $HASP395 KC02322A ENDED - RC=0000

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

24 JAN 2022 JOB EXECUTION DATE

**KEY 1:**

**Time and date – Marist is Eastern Time**

**JOB Number assigned by Job Entry Subsystem**

**This will show up as YOUR KC-ID, NOT KC02322, Mr. Decker's KC-ID**

**Job Name from the first line of your JCL**

**Job Return Code**

36 CARDS READ

88 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

9 SYSOUT SPOOL KBYTES

0.00 MINUTES EXECUTION TIME

1 //KC02322A JOB ,'G. DECKER',MSGCLASS=H JOB06383

2 //JSTEP01 EXEC PGM=ASSIST

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

4 //SYSPRINT DD SYSOUT=\*

5 //SYSIN DD \*

!! END OF JES SPOOL FILE !!

ICH70001I KC02322 LAST ACCESS AT 22:15:11 ON TUESDAY, JANUARY 12, 2021

IEFA111I KC02322A IS USING THE FOLLOWING JOB RELATED SETTINGS:

SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB

IEF236I ALLOC. FOR KC02322A JSTEP01

IGD103I SMS ALLOCATED TO DDNAME STEPLIB

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I JES2 ALLOCATED TO SYSIN

IEF142I KC02322A JSTEP01 - STEP WAS EXECUTED - COND CODE 0000

IGD104I KC00NIU.ASSIST.LOADLIB RETAINED, DDNAME=STEPLIB

IEF285I KC02322.KC02322A.JOB06383.D0000102.? SYSOUT

IEF285I KC02322.KC02322A.JOB06383.D0000101.? SYSIN

IEF373I STEP/JSTEP01 /START 2022024.2216

IEF032I STEP/JSTEP01 /STOP 2022024.2216

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

VIRT: 584K SYS: 244K EXT: 0K SYS: 11548K

ATB- REAL: 4128K SLOTS: 0K

VIRT- ALLOC: 13M SHRD: 0M

IEF375I JOB/KC02322A/START 2022024.2216

IEF033I JOB/KC02322A/STOP 2022024.2216

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

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

PAGE 1

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

1 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

2 \* \*

3 \* CSCI 360-1 ASSIGNMENT 1 SPRING 2022 \*

4 \* \*

5 \* DEVELOPER NAME: GEOFFREY D. DECKER \*

6 \* DATE DUE: 01/24/2022 \*

7 \* \*

8 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

9 \* COL. 10

10 \* | COL. 16

11 \* | |

12 \* V V

000000 13 MAIN CSECT

000000 14 USING MAIN,15 ESTABLISH ADDRESSABILITY ON REG 15

000000 4140 000D 0000D 15 LA 4,13 LOAD 13 INTO REG 4

000004 4180 0006 00006 16 LA 8,6 LOAD 6 INTO REG 8

000008 1A48 17 AR 4,8 ADD REG 8'S CONTENTS TO REG 4'S

00000A E160 0000 0000 00000 18 XDUMP , DUMP CONTENTS OF ALL 16 REGS

000010 07FE 19 BCR B'1111',14 UNCONDITIONAL RETURN TO CALLER (OS)

20 \*

21 LTORG LITERAL ORGANIZATION

22 \*

23 END MAIN

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

\*\*\* DYNAMIC CORE AREA USED: LOW: 584 HIGH: 344 LEAVING: 492640 FREE BYTES. AVERAGE: 29 BYTES/STMT \*\*\*

\*\*\* ASSEMBLY TIME = 0.000 SECS, 31000 STATEMENTS/SEC \*\*\*

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

BEGIN XSNAP - CALL 1 AT E0000010 USER REGISTERS

REGS 0-7 F4F4F4F4 F4F4F4F4 F4F4F4F4 F4F4F4F4 00000013 F4F4F4F4 F4F4F4F4 F4F4F4F4

REGS 8-15 00000006 F4F4F4F4 F4F4F4F4 F4F4F4F4 F4F4F4F4 00000018 FFFE7960 00000000

\*\*\* EXECUTION TIME = 0.000 SECS. 5 INSTRUCTIONS EXECUTED - 5000 INSTRUCTIONS/SEC \*\*\*

\*\*\* FIRST CARD NOT READ: NO CARDS READ:FILE UNOPENED

**KEY PAGE 2:**

**Documentation lines – ignored by Assembler**

**Location counter – gives the displacement in hex in bytes for each line of your code**

**Encoded instructions, i.e., machine code in hex!**

**XDump and dump of the 16 register contents**

**Registers 4, 8, 13, 14 and 15 have values**

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