

J E S 2 J O B L O G -- S Y S T E M 2 9 6 4 -- N O D E S V S C J E S 2

```

21.15.18 JOB08769 ---- FRIDAY, 21 JAN 2022 ----
21.15.18 JOB08769 IRR010I USERID KC02322 IS ASSIGNED TO THIS JOB.
21.15.19 JOB08769 ICH70001I KC02322 LAST ACCESS AT 21:09:43 ON FRIDAY, JANUARY 21, 2022
21.15.19 JOB08769 $HASP373 KC02322A STARTED - INIT 1 - CLASS A - SYS 2964
21.15.19 JOB08769 -
21.15.19 JOB08769 -STEPNAME PROCSTEP RC EXCP CONN TCB SRB CLOCK SERV WORKLOAD PAGE SWAP VIO SWAPS
21.15.19 JOB08769 -JSTEP01 00 24 0 .00 .00 .0 BATCH 0 0 0 0
21.15.20 JOB08769 -JSTEP02 00 2 0 .00 .00 .0 BATCH 0 0 0 0
21.15.20 JOB08769 -KC02322A ENDED. NAME=G. Decker TOTAL TCB CPU TIME= .00 TOTAL ELAPSED TIME= .0
21.15.20 JOB08769 $HASP395 KC02322A ENDED - RC=0000

```

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----- JES2 JOB STATISTICS -----
26 AUG 2021 JOB EXECUTION DATE
51 CARDS READ
105 SYSOUT PRINT RECORDS
0 SYSOUT PUNCH RECORDS
11 SYSOUT SPOOL KBYTES
0.02 MINUTES EXECUTION TIME

```

!! END OF JES SPOOL FILE !!

1 //KC02322A JOB ,'G. Decker',MSGCLASS=H

JOB08769

```

/*
/*****
/*
/* CSCI 465 ASSIGNMENT 1 SPRING 2022 *
/*
/* DEVELOPER NAME: Geoffrey D. Decker *
/* DUE DATE: 01/21/2022 *
/*
/* PURPOSE: The purpose of this job is to allocated a new PDSE, *
/* or partitioned data set extended, that holds load modules. *
/* There are two job steps, both running IEFBR14. The *
/* first will delete any possible previous version of the *
/* PDSE named KC03nnn.CSCI465.LOADLIB. The second creates *
/* a new PDSE of the same name. IEFBR14 is one of the *
/* most used of all the IBM utilities available. *
/* IEFBR14's source module consists only of a CSECT with only *
/* standard entry and exit linkage. It accomplishes *
/* really nothing as a stand-alone program BUT, as we *
/* will soon find out, it has MANY uses for allocating *
/* (creating), cataloging, deleting, and un-cataloging *
/* data sets. In this two-step job, you are simply *
/* executing IEFBR14 twice. The first step deletes any *
/* previously-created PDSE that might exist from a prior *
/* successful run of the job and the second allocates, or *

```

Note that the JCL you submitted is listed here, complete. Each JCL statement is numbered. If one or more JCL errors are detected, the line number and the error are listed immediately following the last line of the JCL listing.

```

    /** creates, a new one. This PDSE is the second of the      *
    /** three PDSEs that we will need this semester.           *
    /**                                                         *
    /*******
    /**
2 //JSTEP01 EXEC PGM=IEFBR14
    /**
    /** The following DD card deletes an existing PDSE if it already
    /** exists. If it does not exist, the data set is first allocated
    /** and then immediately deleted.
    /**
3 //DD1      DD DSN=KC02322.CSCI465.LOADLIB,
    //          SPACE=(TRK,(1,1,1)),
    //          DISP=(MOD,DELETE,DELETE)
    /**
4 //JSTEP02 EXEC PGM=IEFBR14
    /**
    /** The following DD card allocates a PDSE to hold your
    /** program load module files.
    /**
5 //DD1      DD DSN=KC02322.CSCI465.LOADLIB,
    //          DCB=(RECFM=U,LRECL=0,BLKSIZE=4096),
    //          DSNTYPE=LIBRARY,
    //          SPACE=(CYL,(9,5,6)),
    //          DISP=(NEW,KEEP,DELETE)
6 //
!! END OF JES SPOOL FILE !!
ICH70001I KC02322 LAST ACCESS AT 21:09:43 ON FRIDAY, JANUARY 21, 2022
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 DD1
IEF142I KC02322A JSTEP01 - STEP WAS EXECUTED - COND CODE 0000
IGD105I KC02322.CSCI465.LOADLIB DELETED, DDNAME=DD1
IEF373I STEP/JSTEP01 /START 2022021.2115
IEF032I STEP/JSTEP01 /STOP 2022021.2115
CPU:      0 HR  00 MIN  00.00 SEC   SRB:      0 HR  00 MIN  00.00 SEC
VIRT:     4K  SYS:   232K  EXT:      0K  SYS:   11492K
ATB- REAL:      1056K  SLOTS:      0K
VIRT- ALLOC:     13M  SHRD:      0M

```

The three lines highlighted in yellow at the top and those shown here and below highlighted in yellow are important indicators that both steps completed successfully. Note the one to the left is indicated to be the COND CODE (Condition Code, but not the same as that in Assembler coding) for the job step named JSTEP02

```

IEF236I ALLOC. FOR KC02322A JSTEP02
IGD101I SMS ALLOCATED TO DDNAME (DD1      )
        DSN (KC02322.CSCI465.LOADLIB      )
        STORCLAS (PRIM90) MGMTCLAS (      ) DATACLAS (      )
        VOL SER NOS= KCTR17
IEF142I KC02322A JSTEP02 - STEP WAS EXECUTED - COND CODE 0000
IGD104I KC02322.CSCI465.LOADLIB      RETAINED, DDNAME=DD1
IEF373I STEP/JSTEP02 /START 2022021.2115
IEF032I STEP/JSTEP02 /STOP 2022021.2115
        CPU:      0 HR  00 MIN  00.00 SEC      SRB:      0 HR  00 MIN  00.00 SEC
        VIRT:      4K  SYS:   228K  EXT:      0K  SYS:   11520K
        ATB- REAL:      1056K  SLOTS:      0K
        VIRT- ALLOC:      13M  SHRD:      0M
IEF375I JOB/KC02322A/START 2022021.2115
IEF033I JOB/KC02322A/STOP 2022021.2115
        CPU:      0 HR  00 MIN  00.00 SEC      SRB:      0 HR  00 MIN  00.00 SEC
!! END OF JES SPOOL FILE !!

```

The lines, one to the left and the one above, highlighted in green provide information about the status of data sets referenced in the JCL when the job finished. Note that the line contains the data set's name, the name associated with the DD card on which it was referenced and its final status, DELETED in the above green-highlighted statement and RETAINED, or kept, for this one just to the left. This status is exactly what we hoped to accomplish.