

Sample Questions with Answers

Programming Languages - JCL

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Programming Languages

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Question 1:

What is multithreading in JCL?

[ANSWER] Answer & Explanation:

Job Control Language does not support multithreading inherently. A method of accomplishment is implemented, known as redneck way, which forks other jobs into INTRDR. This is not risk free. There is an assumption that all the jobs would be finished prior to the next program that pulls in all data processed by other threads. Another way of accomplishing multithreading is by using system enqueue and duplicate the job names. Use a scheduler that is able to schedule many jobs at once and leaves the next job when all the prereq's have finished.

Question 2:

How to execute 2nd and 4th steps among 5 steps in JCL proc?

[ANSWER] Answer & Explanation:

The following are the steps to accomplish the task: //job1 job a123 'name' class=a // restart=step002 //step001 exec pgm=prog1 //step002 exec pgm=prog2 //step003 exec pgm=prog3 cond=(0 le) //step004 exec pgm=prog4 //step005 exec pgm=prog5 cond=(0 le) //step006 exec pgm=prog6 There are 3 duplicate records in a file. How to remove 2 duplicate records and copy only one using Job Control Language? The following are the steps to accomplish the task: 1. Sort the PS using JCL SORT utility and update the PS file. 2. Find the duplicates using XSUM . 3. Write the duplicates alone in a separate PS. 4. Take the separate PS 5. Give the control condition inside SYSIN DD * as , sort fields with skiprec(3), since only the 3rd one is needed to copy.

Question 3:

Discuss about changing Dataset name in PROC.

[ANSWER] Answer & Explanation:

Dataset name can be changed by overriding from the calling job. One of the ways of using JCL overriding is in the form of PROCSTEP.PROCDD DD DSN=[overriding dsn name]. This works pretty good, provided the same dataset is used for overriding. Another method of overriding DSN is by changing the proc dsn to a variable. A "&" proc pram is used by this process. The benefit is enforcing a dsn passing. In case the default is left blank and not overridden the job would crash with DSNF.

Question 4:

Which of the following is not a procedure division verb?

- A) Start
- B) Seek
- C) Delete
- D) Return

[ANSWER] Answer & Explanation:

Option d is right answer.

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