

IBM AS400 Job Interview Questions And Answers



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IBM AS400 Interview Questions And Answers Guide.

Question - 1:

How to retrieve RRN value in RPGLE program?

Ans:

We can retrieve RRN value in RPGLE program by using INFDS

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Question - 2:

HOW TO DEBUG A BATCH JOB WHEN IT IS IN MESSAGEWAIT(MSWG) STATUS. I KNOW THE STEPS FOR BATCH EBUGGING, BUT IM CONFUSING WITH WHEN WE SUBMIT ANY JOB FOR BATCH DEBUG WE PUT IN HELD STATE. SO HERE ALSO DO SAME THING OR ANY OTHER WAY?

Ans:

it is also normal process like as batch job steps...

when we found job in MSGW using WRKSBMJOB,simply we can enter into job log using 5 option.

after we start at command line.

step1-> STRSRVJOB jobnum/jobname/user

step2-> STRDBG pgmname

when we press enter,the control will directly goto

the error occurred line,here we can change any values directly using EVAL then after press F3,it will sho wjob log screen,then again press f3 to come to MSGW screen.here press 7(display message screen) to continue the execution of batch job we press G(continue).then it will execute remaing steps without abnormal ending the job.

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Question - 3:

Suppose 4 persons a, b, c, d have to go to concert which will held in 17 minutes. there is a bridge which only 2 persons at a time can cross. its night and they have only one flashlight with them. Flashlight cannot be thrown. one person should return with the flashlight

all 4 person have different speed.

a = crosses bridge in 1 min.

b = crosses bridge in 2 min.

c = crosses bridge in 5 min.

d = crosses bridge in 10 min

how can they all reach in time?

Ex- suppose a and d crosses bridge which will take 10 mins and then d returns back with a flashlight which will make 20 mins and mission is failed.?

Ans:

A and B will cross the bridge. --> 2 mins

A will come back with the flashlight. --> 1 min

C and D will cross the bridge --> 10 mins

B will come back with the flashlight. --> 2 mins

A and B will cross the bridge. --> 2 mins

Total is 17 mins.

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Question - 4:

What is difference between rename and prefix?

Ans:

The RENAME keyword allows you to rename record formats in an externally described file. The external name of the record format that is to be renamed is entered as the

Ext_format parameter. The Int_format parameter is the name of the record as it is used in the program. The external name is replaced by this name in the program.

To rename all fields by adding a prefix, use the PREFIX keyword.



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Question - 5:

In RPG program one file using as a PRIMARY file while running program some of the records reading twice any body know why its happening?

Ans:

This will happen if there is any duplicate records in physical file..

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Question - 6:

Why we sometimes use same file name in FILE and TOFILE in OVRDBF and sometimes different?

Ans:

In RPGLE if you want to declare the same file in more than once mode(read/write/update)in this case you can override the file with different name and declare the same file with the overridden name.

for example:

In RPGLE if you want to open a file A in two different mode one is Read and other is Update then you can override the same file with two different name may be AA and AB and then declare in your RPGLE program.

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Question - 7:

What are the commands that can be executed in CLP but not in RPG? Why?

Ans:

All RTV* commands can be executed at CLP but cannot be executed at RPG.

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Question - 8:

What is the difference between ITER and DO? We know both are used to execute set of statements repeatedly, but what is the main difference?

Ans:

There is no comparison between DO and ITER as DO statement is an looping statement and ITER is an branching statement like LEAVE.

When I use ITER with some condition inside a DO-ENDDO loop, when that condition occouerd, ITER transferred the control to ENDDO not out of the loop like LEAVE ie it just skip the execution of statements between ITER and ENDDO.

In one statement we can say that ITER in RPGLE is same as CONTINUE in C.

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Question - 9:

Explain this error: "All Record Formats for externally-described file ABCD ignored or dropped due to error; file ignored."?

Ans:

Actually the file ABCD may have the record format name is same as that of the file name. That is the reason why u r getting this error.

RPGLE wont allow to declare a file with same name as record format name.

So, to solve the problem u can change the record format name other than the file name.

OR

U can use the RENAME keyword in the file specification to change the record format name.

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Question - 10:

How to search particular records from the database file in RPG?

Suppose, there are 100 records in the file.i need to retrieve all the records matching/equal to the particular NAME field. How can we do the above using SEARCH criteria other than using the IF cond?

Ans:

This can be done using the Key Field.

```
KEY1(NAME FIELD)  SETLL  FILENAME
```

```
KEY1(NAME FILED)  READE  FILENAME
```

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