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Amazon Interview Experience \xe2\x80\x93 Application Engineer

- Last Updated :15 Jul, 2019

Round 1 \xe2\x80\x93 Written Coding(C++ or Java or Python) and Scripting(Perl or Unix or Ruby)(1 hour)

Programming:

[Given a number. Find next highest number with same set of digits](#)

I/P \xe2\x80\x93 12345

O/P \xc2\xa012354

\xc2\xa0

[Given an integer list. Output should be the product of next remaining digits](#)

I/P \xe2\x80\x93 {1, 2, 3, 4, 5}

O/P \xe2\x80\x93 {120, 120, 60, 20, 5}

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Scripting:

Script to change owner of a file

Script to grep \xe2\x80\x93 Amazon \xe2\x80\x93 \xe2\x80\x93 amazon \xe2\x80\x93

\xe2\x80\x93 AMAZon \xe2\x80\x93 from a given text file

Script to list the processes running in a server

One more question based on cut command

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Round 2 \xe2\x80\x93 Face to face Programming(45 mins)

[A program to spirally traverse a matrix](#)

I/P:

1 \xc2\xa02 \xc2\xa03 \xc2\xa04

5 \xc2\xa06 \xc2\xa07 \xc2\xa08

9 10 11 12

13 14 15 16

O/P:

4, 3, 2, 1, 5, 9, 13, 14, 15, 16, 12, 8, 7, 6, 10, 11

Time complexity for the written program for above problem. Is there any better approach

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Print a given list in a matrix in x form. list length is assumed to be always odd

I/P:

1, 2, 3

O/P:

1 . 1

. 2 .

3 . 3

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A few questions about the project currently working on

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Round 3 \xe2\x80\x93 Face to face scripting(45 mins)

cut commands, grep commands, awk commands

How will you make sure that an application is running fine. What all will you do to make sure of that. Asked about all steps in details and asked to write exact commands for each.

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Round 4 \xe2\x80\x93 Manager round (1 hour)

In full detail about the current working project and tasks which you do. Next 20-30 mins about the project work which you say

2 to 3 scenario based question on how to handle specific situations

According to you, what are the top 3 issues you face in irctc website and a detailed approach of how will you handle it

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Round 5 \xe2\x80\x93 Hiring Manager(1 hour)

Again, in full depth about the project currently working on.

Few java logical problems

Scenario based questions

How did you handle a situation where you had communication issues with a customer

All answers will be asked in depth. Like what approach did you make technically. How did it resolve it. How did you measure the success. What are other possible approaches

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