

Oracle Apps Interview Questions

Interview 1(Tech):

1. I was asked about heap sort and heapify function.
And then he asked me to code heap sort.
I implemented heap sort in a different manner but he was satisfied.
2. A puzzle :
There are 3 persons, no one wants to reveal their salary but they want to find out average of their salaries.
3. One more puzzle :
There are 25 horses. Only 5 can race at a time, and u can only get their order not their timing.
Find top 3 horses in least no of races.

Interview 2(Tech):

During this round, I was asked to write clean code for each solution.

1. There is an $N \times N$ matrix. You are at position (1, 1).
You can move in rightward or downward directions.
Find the total no of possible ways to reach to position (N, N).

I gave him a solution (using DP).
But he asked me to give 2 more solutions **worse than DP but better than brute force**.
2. There is a pond. There are n stones in it (in a straight line).
A frog is on the one side. From one stone either it can jump to the next stone or it can skip a stone. But it has to go through 1st and last stone.
For a given n (total no of stones in the pond), find the total no of ways to reach to the other end.
3. Given a singly linked list. Find the kth node from head and from last node.

And then he asked me some HR question as my interests, subjects I hate (a long list :P) and reason.

Interview 3(Project):

He asked me many questions related to my projects and told me to introduce some tricky new features.

After asking project related questions, he asked me one more question:

There is a file in which there are many rows. Each row has two no, n1 and n2 such that

1. $n1 < n2$ (So, n1 to n2 denotes a range, n1 to n2, both included)
2. None of the range overlaps with each other.

As :

If the file contains

11 16

22 28

33 36

Then 26 31 cannot be inserted into the file as it violates the 2nd rule.

Find an efficient way to insert row into the file.

Range of no.s is unknown.

Interview 4(HR Round):

Asked me some common HR questions as:

1. Tell me about yourself.
2. Hobbies.
3. Strengths and weaknesses.
4. Plans for higher studies.

And some tricky ones as:

1. Your least successful project.
2. Why don't you want to go for higher studies. etc.