

VIRTELA

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Date:- 21/03/2017

Questions asked to me in Technical

- 1) Difference between Overloading and Overriding. Explain with examples.
- 2) What is an Exception? Explain with an example. Explain try, catch and finally blocks.
- 3) What are Collection classes in Java? Explain what is HashMap, its internal working, get(), put(), Iterator, etc. with example. Difference between HashMap & Hashtable.
- 4) Write a code to swap 2 numbers without using third variable (Any 2 methods).
- 5) What are Assertions in Java?
- 6) Write steps for JDBC connection. (asked to everyone except me)
- 7) Difference between Abstract class and Interface in Java.
- 8) Explain your project, your role in it, etc. Why did you use Spring MVC and Hibernate template?

1st round → basic aptitude and logical.

And basic OOPS questions (mcqs).

2 programs 1) Print the 2nd highest number in an array.

2) Check whether a string is palindrome.

HR questions

- 1) Why did you left your previous job?
(I ~~was~~ had an experience of one year as a Desktop Support Engineer at PIL)
- 2) What was your work profile at PIL, your role, etc.?
- 3) Are you comfortable to learn any ~~techn~~ new technology?
- 4) What are your aspirations?

Note:-> Plz don't say anything about salary and designation with respect to aspirations. Talk about learning more as much as possible.

V.V Imp -> ~~QA~~ Communication Skills.

Try to be positive, confident, and speak clearly in group Discussion.
Your accent in English is also important.

- Ways to create threads?

Can we ~~write~~ return something using run method? & how?

```
class A
{
    disp (List<Object> obli) {
    }
}
```

Class B extends A

```
{
    disp (List<String> li)
    {
    }
}
```

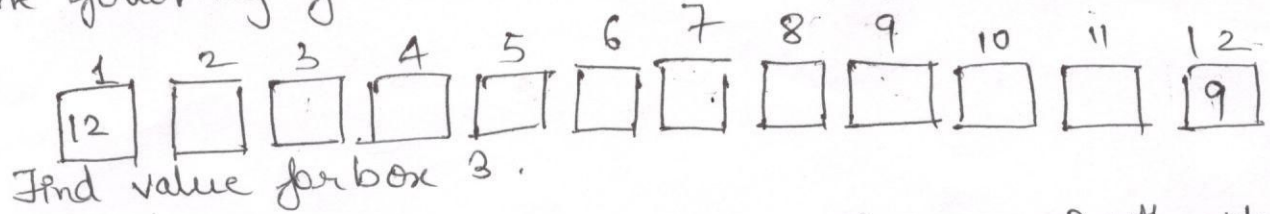
Main:-

```
b. disp (new arraylist<String> ;
         ——— || ——— <Integer> ;
```

~~where~~ which fun will be called?

- Write a program for game FIFA?

In the following flowchart the aim is 5, 7, 9 should have value 0.



1. Subtract: number in box 12 - number in box 12. Put the value in box 9.
2. Change: Decrement the last box no. in 1 by 2.
3. Is the ^{no.} value in box 3 equal to the last box no. in statement 1.
 If Yes, go to the final question
 If No, proceed to statement 4.
4. Repeat Go to statement 1.

What is the final number in box 3?