**JAVA and OOD**

int vs Integer

abstract class vs interface

final vs finally

garbage collection

class & extend

oop conception

Try and catch

what is String Buffer? what is public static void main(String[] args), explain it?..etc

Why Java is generic?

Question related to Data Structures like what are graphs and describe how HashMap works.

Design questions like how would you design a vending machine.

How to work with threads in Java?

Final, finally, finalize.

Generics

Is it possible to execute Garbage collector forcefully ?

Hash map and Hash table. Difference?

related to ArrayList, Vector

what's the optimized algorithm to do a word search?

Code Snippet - Polymorphism

Code Snippet - Typecasting

Code Snippet- Inheritance

Predict the output of the code snippet.

Undefined value

Difference between undefined and null?

Questions on Console.log();

OOD:

Binary Search Tree

Explain MVC? Explain with an example

How will u draw a class diagram for a Scenario? (This question differs for each and every candidate,so work on it)

3.Desing a restaurant class? Which design you used like Singleton or Factory Pattern

Sort a HashMap by values(Values were of type String)

Difference between StringBuilder and StringBuffer.

OOP questions(Class vs Object vs Instance)

Difference between Arraylist and Vector, which is more memory efficient?