7 March 2018

1.logical question

Have a 7 cm long gold bar, need to give 1 cm long piece to a worker daily for 7 days

2 cuts can be made on the gold bar.

how to achieve this?

2.Asked about the actual coding experience.How much involvment in writing code.

3.Multithreading :

Create 2 threads to print numbers from 1 to 10 such that it is printed alternatively.

Eg : Thread names : A,B

Result should be A1 B1 A2 B2...A10 B10

4.How to create a memory cache LRU using any data structure.

5.How to increase the heap size.

6.Some general data structure questions : what data structure would be use in different scenarios.

Set,ConcurrentHashmap

7.Tell any area which you dont like working at:

Front end ,back end , testing...

8.Role in previous project (They wanted to understand the depth in our actual coding).

9.Gave a class with some attributes

Vehicle : - having getters and setters

-noOfTyres

-hasAc

-IsAutomatic

Another class having different methods

-createVehicle(); here only we should have new instance creation

-withAc();no attributes should be added,returns isWithAc or not;

-Automatic();no attributes should be added,returns isAutomatic or not;

-build()

Write build() such that it gets all details of the Vehicle and return Vehicle object.

10.Explain briefly about overall experience,skills

11.Which core java skills you are good at?

12.Question on collection

Employee object with :

  id,desg,age

Should be stored in Db such that desg descending,if desg same age ascending

Data Structure to be used

Implementation

Give justification on choosing the data structure

Questions related to this

13.In depth knowledge of data structures and its implementation algorithm