

Technosoft Solutions Interview

Firstly, they did university drive and conduct a test based on SE, OOP, DB, Basic Programming, Design Patterns, DSA, General Ability.

Before interview they conduct personality onsite test, just stay positive.

First Interview:

What is polymorphism and inheritance?

What is Cohesion and Coupling and in your opinion which one is best in you project?

How to remove coupling from code?

What is Indexing and its types?

Difference between Candidate and Composite Key?

What is inline and block elements?

What is metadata in html head?

Difference between concurrent and parallel in OS?

What are Waterfall and Agile model and which one is best in small project with clear requirements?

What is SDLC in detail and its models?

What is Singleton Design Pattern and how you ensure single existence of object.

What is Abstract class and how to achieve it in java and c++?

What are Access modifiers and if make class private then how we will access it?

What is static variable, function, class?

What are joins and its types and what sort of data they bring?

What is Normalization and its types in detail?

What is the drawbacks and difference between array and linked list?

What is time complexity of merge sort?

What is types of trees and specify AVL?

What is heap and you will traverse in this?

Difference between binary tree and binary search tree?

What are SE steps?

You have six balls and one measurement balancer, each ball is of same size and one is heavy. In how many iterations you will find the heavy ball.

You have a cake and a knife and you can apply cut on this only two times. How you will divide this cake in 8 equal pieces with equal topping?

Then conduct an IQ test of 40 minutes. Practice geeksforgeeks general ability questions for solving this easily.