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Batch: F1 Company Name: Pooraa Solutions (Tolexo)

First Round: Pen and Paper technical round.

The test contained 5 basic programming question.

1. Check if a binary tree is binary search tree.
2. Number of moves required to reach the top step. You can jump 1 or 2 steps in a single move.
3. Given a string we can remove multiple consecutive occurrences of an alphabet. We have to tell whether the string can be completely empty at the end.

2 more question which I don’t remember.

Second Round: Personal Interview (Technical)

Mostly questions were based on programming concepts and SQL.

1. Difference between DELETE and TRUNCATE.
2. What is indexing?
3. Difference between char and varchar.
4. What are ACID properties?
5. Queries based on JOIN.
6. Find the row with maximum number of 1s. <https://www.geeksforgeeks.org/find-the-row-with-maximum-number-1s/>

And a few more medium level programming questions.

Third Round: Kind of Technical and HR combined.

1. Convert a Hexadecimal number to decimal.
2. Given a string containing numbers and mathematical operations use stack to perform and give the top of the stack.

Further there was discussion what I wanted to work on and what the company works on, what we’ll get to learn during the internship period.