**Round 1: Coding**

Given a directed graph determine whether its a proper directed binary tree.

If not classify errors like

1. 2 parents

2. a cycle exists

3. more than 2 children

etc

There were 5-6 different errors you had to classify.

**Round 2:** Explanation of the code wrote in the first round

**Round 3:** Algo, DS , Design round

1. Given a sequence of cities on either side of a river connect min. non intersecting bridges.

2. Given a sequence of integers(scores of test say) distribute min. candies such that each student must have more candies than his neighbors if his test score is more.

3. Find max frequency number in an array.

4. Given an array of numbers find the max product of 3 nos.

5. You have a database and you have a variable which can be null, empty string or some string. You have to distinguish between each. How and what would you store in DB. you cannot store null/ emptystring.

6. One more question dont remember.

**Round 4:** Managerial Round

1. Explanation of the project I am currently working on.

2. Explanation of thesis project.