Round 1 Duration (45-60 minutes):

Q1. What is Polymorphism. Difference between function over loading and function over riding?

Q2. Write a program to implement circular linked list?

Q3. What is zombie process?

Q4. How to resolve the problem of allocating order in a shoping online portal if by any case payment gateway is closed ?

Q5. What is Normalization in DBMS?

Q6. What are threads and how to remove deadlock in OS. Write a situation or program to implement deadlock?

Round 2 Duration (45-30 minutes):

# Q1. Print all elements in sorted order from row and column wise sorted matrix

<https://www.geeksforgeeks.org/print-elements-sorted-order-row-column-wise-sorted-matrix/>

Q2. <https://www.geeksforgeeks.org/puzzle-41-guess-color-of-hat/>

Q3. Show difference between Normalization types in DBMS using examples ?

Round 3 Duration (25-35 minutes):

Project based question and Resume based knowledge checked.

Q1. Bring some changes in the lift system of Office building using machine learning?

Q2. <https://www.geeksforgeeks.org/symmetric-tree-tree-which-is-mirror-image-of-itself/>

Round 4 HR:

Normal questions about what made us different from other companies?

What is your weakness?

Why you were rejected in previous companies?

Where do you see yourself after 5 years?