Sapiens Technologies

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Round 1: Aptitude Test

Basic Quants, Relations(OneToOne, OneToMany, ManyToOne, ManyToMany), Venn Diagram

Round 2 : L1 Technical
- Introduce yourself (Mention your BE & CDAC Project)
- Questions on project
    Role In Project
    Technology
    Best feature of your project
- What is exception ?
- Whats is abstraction and interface?
- What is Map?
- What is Vector?
- What is Hashmap (put method)?
- Program for sentence reveres
    Input : vita is best
    Output : best is vita

- Program for Map implementation and Sorting of map .
- What is singleton?
- What is LinkedList?
- Difference between Component and Elements?
- What is Dependency Injection?
- Queries on join and group by.

Round 3 : L2 Technical
- Write a program for accessing multiple files using multi-threading.(I used ExecutorService here- Thread pool concept)
- Write program for
    There are 5 teams each team has 11 players each player has jersey no. and name.
    What type of collection required to store the information of players according to team.
    (Go through collection of collection concept).
- What is factory pattern?
- Questions on project
    Role In Project
    Difficulty faced during project
- How will you access database through java?
    Write jdbc code for it
    Print resultset
- Queries on Self Join and Group by

- Puzzles :
    1. How can you get 5 ltr of water using 3 ltr and 4 ltr container?
    2. How can you represent days of month using two 6 sided dice?

Round 4 : Managerial
- Introduce yourself
- Tell me about your experience in cdac? What you enjoyed most throughout this course?
- Questions on project as mentioned above
- Family background
- Question on my hobbies
- On what technology do you prefer for work?
- Question on my extra curricular activities
- Puzzle on my hobby (that puzzle make no sense Interviewer was just trying to judge my problem solving ability)

    This round is about your approach towards difficulties.