

1st Round - mcqs

Aptitude

Reasoning

Technical (java+sql)

2nd Round – Tech Interview

Introduction

Project - Explanation & flow

- 1) What is HashMap
How hashmap work internally
- 2) What is HashSet
Scenerio based code on hashSet was to write
comparator vs comparable
- 3) Exception Hierarchy
- 4) Checked unchecked exception –program + thoery
- 5) How to create multithreading application in java
- 6) Compile Vs runtime polymorphism
- 5) tell me about string class in jaava
- 7) Equals VS ==
- 8) ArrayList VS LinkedList
- 9) scenerio based HashMap programm to write
- 10) What is output of programm
2 programm was given
- 11) Normalization
- 12) what is Trigger
Real world example
- 13) Joins and types
- 14) indexing
- 15) SQL queries -- 2
- 16) 5-6 HTML & CSS scenerio based question (ketki mam lecture)

3rd Round - Tech + HR

Introduction

Project in detail

4-5 project based Quéstions

What is spring why spring

What is spring boot

What is hibernate

Why not JDBC

Dependency injection

Which concept you know in Database

Why we need normalization
How you design any database
Difficulty faced during project
Transaction in project

2 table given
Write query --2 Qué
2 Query given
What is output

What is Multithreading
Extend thread Vs Implementating Runnable
Life cycle of thread

1 scenerio based question on multithreading (Nitin sir lecture)

Some HR quéstion
Do u know about sapiens
Why CIVIL TO ITEtc etc
Any Question

4th Round -HR (just formality)

introduction
About cdac journey
family member
why civil to IT
difficulty faced during cdac
Why SM Vita
distance of my home to banglore
etc etc general question
Any question for me

Sapiens

1st round (Technical)

Introduction

Project

OOPS Concepts

Collection API

Exception program

Final, finally and finalize

String buffer & string builder

Difference between extends Thread & implement

Write a program to delete specific no from unsorted array

2nd round (Technical + HR)

Introduction

Project

OOPS Concepts with real life example

Difference between java and Dot NET.

Why we hire you ?

Explain your BE project

3rd round (HR)

Introduction

Family background

R u ready to relocate ?

Tell me about your pervious work experience.

Technical round 1

1. Tell me about yourself
2. What are Exceptions?
3. When to use list and when to use map in collections?
4. Code for creating & displaying list in collections
5. Code for creating & displaying map in collections
6. Difference b/w overloading & overriding
7. When we have same no & type of arguments in a method but return type is different so it is overloading ot overriding?
8. What is mysql?
9. Difference b/w primary key & unique key?
10. What are different types of joins?

11. Explain & write a query for left join.

12. What is normalization and need for normalization. Explain any one normalization with example.

Managerial Round + HR Round

1. Tell me about yourself?

2. Explain flow of ur project

3. What are Exceptions?

4. A snippet is given on exception we have to determine the output?

5. What is Mysql? what are you more confident in mysql?

6. Two tables are given & write a query for joining 2 tables and 2nd using left join.

7. Table A - divisibleby2(2, 4, 6, ...)

Table B - divisibleby3(3, 6, 9, ...)

Write a query to join 2 tables and find results for divisibleby6(6, 12, 18, ...)

Also explain with the help of Venn Diagram.

8. What are your strengths?

9. Tell me about your Hobbies not related to studies?

9. You have been living in mumbai so are u comfortable in shifting to Bangalore?

T1:

1 oop pillars and examples

2 abstract class and interface difference

3 java exception

4 serialization

5 collection hierarchy

6 difference between array and arealist

7 what is jdbc

8 step in jdbc

T2:

1 difference between statement, callableStatement , preparestatement

2 SQL query for 2nd high salary

3 SQL query for duplicate element and their count skip non duplicate

4. what is servlet

HR:

1 Intro

2 family member

3 reason for gap

1. Palindrome program

2. Database design (any scenario he can give)

3. Project flow

4. Project database table and relationships
5. Microservices (he will be impressed if you know this)
6. You Spent all your life in Mumbai, why Bangalore now ?
7. What is the angle between minute and hour hand now ?
8. Do you know about our company. ?
9. How does insurance works ?
10. Strengths, weaknesses
11. What was your role in project