

#Technical Round

1. Introduce yourself.
2. Challenges and experience of online mode.
3. What is Joins and why it is used with example?
4. Why is inner join used?
5. Explain properties of Transaction.
6. difference between Truncate and Delete.
7. Why is rollback not possible in case of Truncate?
8. What is Isolation level? Explain.
9. Three different queries of MySql using joins and operators.
10. Explain Bubble sort.

#HR Round

1. Introduction.
2. How you keep yourself updated to new technologies?
3. Explain your project.
4. Have you used JPA in your project and it's work?
5. Why Spring Boot?
6. What is Transcript and Transpiling?
7. Advantages of Transcript.
8. Annotations used in your projects.
9. What is Cloud Computing?
10. What work have you done on AWS?
11. Name three services from AWS which were introduced after 2015.
12. Why should I hire you?

Quantiphi Analytics

Round 1 (Technical Round)

- Q- Code and explain the logic of bubble sort.
- Q- Swap two numbers without using temporary variable.
- Q- Write a Query to find Name having S alphabet as first/last (Like Query).
- Q- Query to join three tables using joins.
- Q- What is Normalisation.
- Q- Anything I know about Version control.

Round 2 (Technical Round + HR)

- Q- Introduce yourself.
- Q- What is DBMS & RDBMS.
- Q- What are joins and its types.
- Q- What I used in my Project and why. (Backend/Frontend)

Q- What else I did in lockdown except for CDAC.(Tell them about your hobbies/extra curricular activities).

Q- How was my experience and what is my take on learning from home or WFH.

Q- What do you know about the company (Quantiphi)-[Check the site once].

Q- Give me one reason why should I hire you(give him/her more than one reason).

Q- Will you be comfortable with testing.

Q- You have 5 mins you can ask me anything you want.(Do ask him/her any doubts you have).

Quantiphi

What is encapsulation

Use of it in program

How to hide the data in it

Whole cdac project

Jdbc

Vector in java

Polymorphism

If suppose u have one class i.e class shubham then here what is name of that ctr

Normalization And its type

Explain project .

What is ur role in project.

Why use spring boot .

Explain opps concept with real life example.

Diff bet abstract class and interface.

Explain serialization process and deserialization.

Explain Map,list .

Why wrapper classes are introduced .

explain lazy and eager resolution.

Explain multithreading .have u use multithreading concept in ur project .

Join ,SQL queries to find second heights sal, drop and truncate difference, normalization with example.

Overloading and overriding difference, rule for method overriding, bridge method, collections

Quantiphi questions-

Introduce yourself.

1. Is javascript synchronous or asynchronous?
2. Features of html5.
3. Do you have any idea of css?
4. Puzzle - (How to Measure 45 minutes using two identical wires.
5. Puzzle - There are 4 ants sitting on three corners of a square. All ants randomly pick a direction and start moving along edge of the square. What is the probability that any two ants collide?
6. Explain your project.

Project related questions on angular.

7. What is API?

Techn Round I.

- ① ~~What~~ What is Encapsulation, abstraction, polymorphism, Inheritance.
- ② What are joins.
- ③ What union.
- ④ Program to reverse string
- ⑤ ~~What~~ What is data analytics.
- ⑥ What you know about machine learning
- ⑦ What are different AWS services
- ⑧ What is interface.
- ⑨ Project.

Round II :-

- ① What different clauses.
- ② How to show only columns.
- ③ How to show only rows.
- ④ What are joins.
- ⑤ OOPS concepts.
- ⑥ Project.



- Q 1. Introduce yourself.
2. What are basic concepts of oops? explain each one with example.
3. What is JVM? explain its architecture & it is virtual.
4. Static in java. static non static relationship.
5. Why string is immutable. What is string pool, stringbuffer, stringbuilder diff.
6. Interface & abstract class. when to choose which one. explain with example.
7. Is multiple inheritance possible in java? What is diamond problem.
8. Method overriding & checked exception rules.
9. Collection in java. ArrayList, HashMap. from here data structure qns started.
10. Explain diff types in datastructure. stack, queue, linked list, doubly linked list.
11. Explain doubly linked list in detail.
12. Which will ~~be~~ ~~be~~ be used & when.
13. Write code for binary search tree.
14. What is RDBMS.
15. What is DDL, DQL, DML, DCL, TCL?
16. What are diff joins.
17. stored procedure?
18. What was your project? what was your contribution in that. Not much questions on project.

Q. 1.

A prisoner is told "if you tell a lie we will hang you ; if you tell the truth we will shoot you"
What can he say to save himself !

Q. 2. You have 100 coins laying flat on a table, each with a head side and a tail side. 10 of them are heads up 90 are tails up. You can't feel, see or in any other way find out which side is up. Split the coins into two piles such that there are same number of heads in each pile.