SQL & Oracle -

- Diff betn Truncate & delete.
- What is view
- Diff betn all joins.
- Use of trigger with syntax
- Copy content of one table into another.
- Why SQL used in project?
- If can java be used with oracle?
- What is 1NF & 2NF.
- Diffn betn procedure & funn.
- Stored procedure.
- Query for joins, union, etc.

Dot Net

- What is CLR?
- Generatn of garbage collector.
- CLS etc. basics.

S.E.

- SDLC life cycle.
- relate project with SDLC
- explain how you deploy & maintain your project.
- Which SDLC you used in your project.
- In which phase you work in project? in case of SDLC

O.S.

- diffn betn Thread & process (with real life ex. & prog. ex)
- Scheduling algo.
- Booting process

- Java & OOPs.
  - 4 pillars of OOPs.
  - Real life example of all of them.
  - What is use of hibernet.
  - Why used only spring MVC in project. & not structs.
  - diff betn overloading & overldding. & write syntax.
  - What are diff wrapper classes.
  - Exception hierarchy (& difference)
  - Explain project. { Most of the time, they may ask you about your past projects. & engg/diploma, so be prem
  - Why java & not .net.
  -

- HR -
  - About yourself ?
  - Strength
  - Weakness
  - CTC expectation.
  - Past experience
  - Relocation
  - Shift work.
  - Why should I hire you?
  - Why this company.
  - hobbies/interest.

HR & T.R. give diff answers for same que in diff interview accordingly.

si infotech   Prijanka kande
for poc.

① Intooduce yourself

②   write   a   program stoing pallidrome

③   WAP   toprint stoir pallidrome's stoing
        iIP ⟶ hiHn
        oIP   nitin
                   i⁰ t i⁰
                   ⁰⁰
                   ii

④ num1⟶1 2 3
   num2⟶4 5 6
   num3⟶

④ num1   1 | 2 | 3   Find highest digit of the given
   num2   4 | 5 | 6   number
   num3   9 | 10| 0
   ────────────────
          9 | 10| 6

⑤ iIP
   num1 ⟶D p4 5 6
   num2 ⟶D a 8 10
   num3 ⟶D 5 6 8

   oP
   num1 ⟶9 4 5
   num2⟶5 8 6
   num3   6 8 10

⑥ Reverse number

⑦ How to Add Node in Link list

⑧ How write "printf()" without
';'

⑨ Difference betn primary key & unique
key &

⑩ Difference betn structure & union

3i infotech   Purva Ghalsasi

* __1st Round__   [Technical + HR]

① Tell me about yourself.

② Tell me about your Projects.
   ① DAC Project
   ② B.E. Project

③ Database Queries

④ Difference between Procedure & Function

⑤ What is cursor?

⑥ Exception Handling.

⑦ Are you willing to relocate?

* __2nd Round__   [Technical]

① Again about B.E. Project & DAC Project.

② Spring MVC Flow.

③ What is Maven?

④ REST API..

⑤ Hibernate.

⑥ How to create Thread?.

⑦ What happens if we write
      t1.start();
      t1.start();
   In multithreading.

⑧ Database Queries.

⑨ Difference between ArrayList & LinkedList.

*   3rd Round   [Technical + HR]

① Again DAC Project.

② Tell me about youself, family Backgeound.

③ You are from Electrical so why CDAC ?

④ What is view ?

⑤ Can we fire hibernate queries on view ?

⑥ Difference betⁿ Truncate & Delete.

⑦ What will be the o/p ob given snippets.
        They gave me 2 Progeams.

Round1 | HK (Personal Interview)

3i Infotech

Mohammad Aamir

① About yourself
② About your family
③ Which tech one you more confortable in.
④ What was your project
⑤ What was your role in the project
⑥ Why do you want to join our company
⑦ Are you open for relocation.
⑧ Do you agree with all the things mentioned in "CRD
    (Packge: 2-4, Tech: Java/oracle, Bond: 2yrs, location: Noida/   ")
⑨ Are you open for willing to work as a Tester in our c
⑩ Why should I hire you.
⑪ Why CDAC

Round 2 | Technical (Personal Interview)

1) About your self
2) What was your project
3) What is Maven
4) What is MVC
5) What is Spring beans
6) What is Java beans
7) What was your role in project
8) Do you know about design patterns
9) What is singleton
10) Create a singleton cl...

1. What is collections
2. What is multithreading / Why is it used
3. Draw and explain thread life cycle.
4. What is new

* What is Hibernate.

* Difference between Jdbc & Hibernate

* Write a program to count occurrence of each character in string

* Write a program for doubly link list (addition of node, deletion of node, add node before, add node after)

* Explain project.

* Write a program to calculate the power of the number (e.g. $2^3 = 8$)

* Explain MVC

* file 'A' contain numbers which are in sorted ~~list~~ order.
  file 'B' also contains numbers which are sorted order.
  write a program for file 'C' which will contains the sorted numbers from both file A & B.

* Program for Pascal Triangle.

3i Infotech   Shivprasad R. Konda

1) Explain Collection hierarchy?

2) Which Collection you have used in your project?

3) Explain need of serialization? Explain with Code?

4) How to forward the servlet from one page to another?

5) Implicit Objects of Jsp?

6) Explain flow diagram of Spring MVC?

7) Explain flow diagram of Struts?

8) What is the Code written in web.xml & Struts.xml.

9) How to create Connection & perform query operations like insert, delete, Update. Using Jdbc.

10) Difference betn Jdbc & Odbc, Jdbc & Hibernate.

Financial Technologies

1) Create an array of 5 elements and store in this way.
   ```
   a[0]=25
   a[1]=50
   a[2]=75
   a[3]=100
   a[4]=125
   ```

2) What is the size of Empty class?

3) Swapping of two no.s (program).

4) Explain single Linked List (add, delete, swap)

Amit Surwade.

3I

- Explain ur work in project.
- Explain Spring framework.
- write Code for package.
- An HTML Code was given make table (DB) for form.
- Queries for fetching data from table.
- Basic HTML Code (Dropdown box, checkbox).
- Exception.
- why OOPs? what is OOPs? explain all terms u know in OPPs.
- write Simple Code of JDBC.
- explain diff betn statement, preparestatement, Callablestatement
- Collection frameau
- iterator using Collection / write Code of arraylist & iterator.

Manisha. B. Darade.
3I interview :

1) Project in brief.

2) Difference beth class and structure.
   means staret is value type & struct +
   class is reference type. * imp point.

3) Write the query of 2nd highest salary

4) what is ASP.NET and ADO.NET

5) What is Index. Explain Index in detail.

6) What is Normalization.

7) what is OOPS & 4 pillars of OOPS.

8) Prepare on JDBC implementation.

9) what is sql injection. Explain with example &
   solution.

Q. What is SQL injection.

Q. What is Prepared Statement & Statement

Q. Primary key, Foreign key & Unique Constraint

Q. Over-riding Rules.

Q. Diff. between Procedure and function. (syntax)

Q. Pseudo columns

Q. Diff between Servlet and JSP

Q. Attributes of JSP (scriplet, expression, etc)

Q. Types of JDBC Drivers. Mostly used JDBC Driver.

Q. Flow of JDBC connection.
    Steps

Q. Views.

SAGAR CHARIPALLI   [3i Infotech ICICI security → Pro C]

8. Random nos will be there in two files say (A & B). Now save these nos uniquely & sorted in a new file C.

8. Find all pairs of nos. in an integer array whose sum is equal to given number.

Q. Find palindrome (Dont use any string functions)

Q. Linked List data structure implementation.

Q. Basic D/B Questions.

[SMARTSTREAM] → [JAVA]

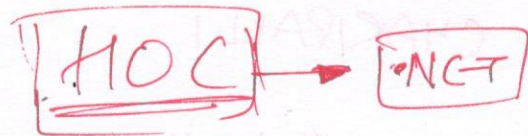8. questions on Collection API, & Multi Threading.

[PRORIGO] → [.NET / JAVA / DB]

8. int add (int a, int b)
{
   return a+b;
}
Find all possible complications.

Q. JAVA v/s .NET

Q. ADO.NET . Types of Architecture in it . Entity Framework

HCL → NCT

Q. Just asked me abt my project ie Fleet Mgmt
in J2EE/MySQL

IT → Database

Q. ~~select~~ Is it true that group by clause is
compulsory for using GROUP functions?
Ans. It is false but they didn't know the right answer
according to them it is TRUE & so rejected me

Xtreme Media → PHP / JAVA

Q. what is AJAX, JSON, XML, PHP basics, JQUERY, JAVASCRIPT

Q. Object Lock v/s Class Lock

Q. Types of Indexes, Types of JOINS -

Q. "http://www.google.com" what happens behind the scene
when we request this page on Browser?

Q.1) Count special characters, alphabates & numbers in the string

Q.2) 7, 2, 8, 3, 9, 4, 10, ... ?

e.g.   If user will enter no.3 then it should print   7, 2, 8

      if   no 5   — ''   —   7, 2, 8, 3, 9

      if   no 7   — ''   —   7, 2, 8, 3, 9, 4, 10, 5...

Interview

Q.1) Project Flow?

Q.2) Why u have used spring mvc?

Q.3) Why hibernate?

Q.4) Life cycle of Servlet?

Q.5) Diff between hashtable and hashmap?

Q.6) Test cases of strings

      e.g.   String s1 = "Hello"

            String s2 = new string();

            s2 = "Hello"

Q.7) Diff between string buffer & string builder?

Q.8) Exception?

Q.9) Array test case :-

      e.g.   int arr[4];

            arr(5) = 10; // ArrayOutOf Bound Exception

Q.10) Diff between array & arraylist?

Q.11) How to make connection in JDBC?

Q.13) Abstraction with program?

Q.14) Encapsulation with program?

Q.15) Equals() & == ?

Q.16) Arraylist & vector Diff?

1) Tell me about oops concepts ?

2) what is abstraction, incapsulation, inheritance, polymorphism! explain with example.

3) what is static keyword ?.

4) what is overloding & overriding.

5) Tell me about abstract keyword.

6) what in Interface ?

7) diffn beth Abstract and Interface ?.

8) what is constructor chaining.

9) Non static Block ?.

10) Use of Non static Block.

12) what is string ?

13) scenario based question on string. ?

    1)   String S1 = "Hello" ;
              String S2 = "Hello" ;
              String S3 = new String ("Hello") ;
         how many object will be created ?

    * can we write main method two times in one class.

14) access modifiers in java ?

15) what will you do to keep track of how many objects are created ?

Name : Kunal Chaudhari
Tejas Chaudhari

Core Java

Questions

1) what is java ?

2) what is JRE, JVM, JDK ?

3) Types of inheritance in Java? Can we implement multiple inheritance in Java ?

4) static and non-static block ?

5) Difference bet == and .equals() ?

6) Poor Overriding rules ?

7) what is NullPointerException ?

8) what is ClassCastException ?

9) what is JDBC ?

10) Types of JDBC drivers ?

11) write a code to get connection, of register the drivers, load the drivers in JDBC ?

12) what is JSTL ?

13) why Java is Platform independent ?

14) what is Transient Keyword ?

15) what is volatile Keyword ?

Adv. Java

16) what is JSP, servlet ?

17) Basic flow of spring mvc ?

18) JSP tags ?

Data Base

19) what is views, types of views ?

20) what are indexe's ?

21) Difference between sto Procedure and Functions ?

22) write a function to compute average and how to call i

23) what are Joins? Types of Joins?