TIAA - L1

1) briefly introduce ur self

2) which java version u studied

3) features of java 8

4) tell mi oops concept

5) describe encapsulation

6) describe abstraction

7) write code for palindrome number

8) given one array and ask to print prime number

9) given one array and ask to remove duplicate in array

10) what is exception

11) how to handle exception

12) can we write catch block without try

13) can we write try without catch block

15) difference between throw and throws

16)what is multithreading

17) after thread start which method is called

18) how to achieve multithreading in java

19) what is springboot

20) advantage of restapi🤔

21) @service and @controller annotation

22) what is dependancy injection

23) which mapping u used

24) get vs put

25) wht is post mapping

26) linear vs nonlinear datastructure

27) operation of stack

28) what is complexity

29) if two for loop is there then what is time complexity

30) how to achieve o(log n) complexity

31) what is cursor

32) what is dbms

33) function vs procedure

34) normalisation and its type

35) primarykey,composite key,unique key

36) what is joins and its type

37) write a query for any one join

38) do u know stream api - i said no

39) what is marker interface

40) what is singleton class

41) what is multiple inheritance

42) which front end language.

43) java vs javascript

44) datatype in javascript

45) what is agile methodologies

----CRISIL---

About Yourself

Show your resume(she ask que on resume)

About Degree Project

About cdac project

OOPs Concept

Stringbuffer and Stringbuilder

Write Program for converting string lower case to uppercase

Database queries

Write program usig arraylist(even odd)

write program using stringbuilder

exception handling

flow of collection

list vs set

what is crossorigin

current version of java

feature of java

why we use spring boot over spring mvc

core component of spring boot

what is entity class

can we develop non-web application using spring boot

spring security'

spring actuator

CRISIL

Introduce yourself

Explain your project

Your role in project

What is OOP, pillars of Oop

How it is used in your project

What is spring boot

11 features of spring boot

String program

Write a program for lambda expression

Exception handling in java.

Suppose you have to make a application for employee management tell all the steps of it.

Collection differences

Annotations of spring boot

What is functionality of controller

How you integrated front and end backend

DBT Some queries

Constraints and their definition

Some more questions about spring boot and java I'm not to able recall

Then general questions like where are you from

Why did you chose CDAC

Why gap in your education

What is the key to stay in the IT industry somthing like this (i told focus and to upgrade skills every day (continued learning she was expecting))

That's it told me to keep confidence while speaking

\*Laminar Aviation Infotech\*

L1 Round

1]Introduce Yourself.

2]Explain your BE or CDAC project

3]What is your role in project.

3]What are the features of React JS.

4]Explain React folder stucture

5]In which file your project flow is mentioned.

6]What is Package.json file.

7]Difference between class component and function component

8]If I am new member to your project group how wolud you install your whole project in my System/Laptop

Tell me the process.

\*Laminar Aviation Infotech\*

L2 Round

1] Introduce Yourself

2] Family Background

3] On which technology you are comfortable

4] Which dependancies you have used in your React App

5] What is Responsive UI.

6] In signUp page how you stored Customer password in encripted format and at the time of login

how you compared it with user inputed password and encripted password.

7] Why Should I hire you?

\*NeoSoft\*

L1 Round

1] Introduce Yourself

2] What are primitive and Non-Primitive datatypes

3] String is primitive or Non-Primitive

4] Explain more about String Class

5] Why String is Immutable

6] What is the output:

String str = "Sourabh";

str= "Suryavanshi";

S.O.P(str);

What is output?

7]Difference between delete and truncate

8]Which is faster delete or Truncate

9]Write a query to find enmaes starting with letter B from employee table

10] Write a query to find empname whose companyname starting with "B"

table emp- empid,empname,CompanyID

table comp -CompanyId,CompanyName

11] WAP Rest API to print "Hello Name" if I pass my name from browser you need to print that name

e.g If I write in browser "http://localhost:8041/crud/display/Sourabh"

then output should be "Hello Sourabh" on browser.

\*TIAA L1 Round\*

1] Introduce Yourself.

2] Consider you have text file containing different different words also contains repeated words.

WAP to get count of repeted words in the file.

e.g if text file contains

"I am Peter. help me this was that is this is help help these help"

1)if I give the word "this" then count will return as 2

2)if I give the word "help" as input count should return as 3.

3] Write a query to display enames from employye table who are having maximum salary departmentwise.

4] Write a query to display department ID which are not having any employees.

5] Write REST API to display list of employees.

6] Write REST API to display employee details from empid and if empid is not provide take "9999" as default

\*TIAA L2 Round\*

1] Introduce Yourself

2] Which technologies you had learned in your Course.

3] Write a FrontEnd Code.

Take 1 min as a timer and decrement it second by second

If it reaches to 10 second display this time in red color in H1 tag.

4] WAP: Create 8 Threads and take one hastable containg key as "color" and value as "red"

Start the threads and compare with hashtable and if comparision matches with key as "color"

and value as "red" then execute that thread otherwise sleep that thread for 10 seconds

Herald logic Round-1

1. write a program which return true and false

arr[]={1,2,3,5}

if addition of two array elements are equal to target element

target = 8

o/p = true

2.what is complexity of program ,can you do it in O(n)

3.explain collection hierarchy

4.what is diff between LinkedHashSet vs HashSet

5.what is use of Iterator

5.If we have foreach loop then why there is need of Iterator

6.explain exception handling (checked vs unchecked)

7.how we handle checked and unchecked exception

8.trow vs throws

9. explain project? what was the difficult part in it and why ?

what was the complexity of that part?(I said login validation)?

10.Do you used encryption to save password how it is stored in database?

10.Why CDAC?

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laminaar aviation Technical round

1.why CDAC?

2.what is full stack ?

3.suppose we have u\_Id and Uname userid is auto generated column then do

we need to add unique key constrain on username?

4.how data is send from front-end (JSON or XML)?

5.if we add reserved characters in json value will it accept?

6.how can I get single value from spring boot like(user/{id})

7.If i use that api in web browser will i get data?

if yes then where do you have used security?

round-2 Managerial/HR

1.Introduce ur self (where are u from and family background)

2.Are you logical person ? when you applied logic recently?

3.what is software? give me the example which u have used?

4.What do you know about our company?

5.Are ready to relocate ?

**Core Java Interview Questions Topic Wise**

**Basic Java Question**

1. which java version u studied ?
2. features of java 8
3. Explain JDK , JRE , JVM
4. Explain Features of java

**OOPs Question**

1. Explain 4 pillars of OOPs
2. Name some of the programming languages which use the concept of OOPs?
3. What is object ?
4. What is class ?
5. Difference between Abstract Class and Interface
6. If we have an abstract class then why we need for interface ?
7. What is functional interface , when we use it
8. Write a program for lambda expression
9. What is marker interface , when we use it
10. Is java purely Object- Oriented Programming language
11. Is that multiple Inheritance possible in java
12. Can we overload main method ?
13. Can we use Constructor in abstract if yes/no explain it
14. Can we override/overload static ,final , private methods
15. Is that ok if I use different return type at the time of overriding
16. Explain static binding and dynamic binding