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{CODERS}

Subject Wise Questions

Object Oriented Programming

1. What are object oriented concepts? What is difference between object-based, object-oriented and fully object-oriented language?
2. What are advantages of Object Oriented Programming?
3. What is class and object? Give real-life example.
4. What are characteristics of object? Explain them.
5. What is the need of getter and setter functions in class?
6. What is abstraction and encapsulation. Give real-life example.
7. What is polymorphism? What are its types? Explain them with examples.
8. What is function overloading? Which are the rules of function overloading? Why return type is not considered in function overloading?
9. What are different types of hierarchy? When to use which one?
10. What is the difference between function overloading and function overriding? 11. Why constructor is considered special member function of the class?
12. What is object slicing? Explain object slicing in context of upcasting?
13. What is down-casting and when it is required?
14. What do you know about association, composition and aggregation. Explain with the help of example.
15. What are different types of inheritance? Explain with the help of example. What are problems with multiple inheritance?
16. Which are the different types of design pattern? Explain singleton design pattern.

Core Java

1. What is wrapper class? What is their use?
2. Which are methods of `java.lang.Object` class? Which are native methods of object class?
3. What is the need of package? Which types are allowed to declare in package?
4. Why we can not declare multiple public classes in single .java file?
5. What is the difference between import and static import?
6. How can we pass argument to the method by reference? Explain with example?
7. What is the difference between checked and unchecked exception?
8. Which are the advantages and disadvantages of generics?
9. What is difference between Comparable and Comparator?
10. What is difference between ArrayList and Vector? How to use ListIterator? 11. What is fail-fast and fail-safe iterator?
12. What is serialization and deserialization? What is significance of serialVersionUID?
13. What is relation between Thread start() and run() method?
14. When we should create thread by implementing Runnable and extending Thread class?
15. What is functional interface? Which functional interfaces are predefined and where they are used?
16. What is significance of filter(), map(), flatMap() and reduce() operations? In which scenarios they are used?

Java EE

1. Explain Servlet & JSP life cycle?
2. What is difference between Redirect and RequestDispatcher scenario?
3. What is session tracking? How to do it in java?
4. What is hibernate? Explain hibernate architecture.
5. Explain hibernate entity life cycle?
6. What is the difference between get() and load() of hibernate?
7. How can we call stored procedure in hibernate?
8. What is 10C and Dependancy injection?
9. What is auto-wiring? Which are the types of auto wiring? What if prototype bean is auto-wired in a singleton bean?
10. Explain spring bean life cycle. Explain spring bean scopes.
11. What is use of @Transactional? Why it should be used on service layer?
12. Explain Spring MVC life cycle?
13. What is the difference between SOAP and REST? What is significance of RestController?
14. What is Spring Boot? What do you mean by opinionated defaults? How auto-configuration works?
15. What is significance of @CrossOrigin? How it works?

O.S.

What is the main purpose of an operating system? Discuss different types?

What is a socket, kernel and monolithic kernel ?

Difference between process and program and thread? Different types of process.

Define virtual memory, thrashing, threads.

What is RAID ? Different types.

What is a deadlock ? Different conditions to achieve a deadlock.

What is fragmentation? Types of fragmentation.

What is spooling ?

What is semaphore and mutex (Differences might be asked)? Define Binary semaphore.

Belady's Anomaly

Starving and Aging in OS

Why does thrashing occur?

What is paging and why do we need it?

Demand Paging, Segmentation

Real Time Operating System, types of RTOS.

Difference between main memory and secondary memory.

Dynamic Binding

FCFS Scheduling

SJF Scheduling

SRTF Scheduling

LRTF Scheduling

Priority Scheduling

Round Robin Scheduling
Producer Consumer Problem
Banker's Algorithm
Explain Cache
Diff between direct mapping and associative mapping
Diff between multitasking and multiprocessing

DBMS

What is DBMS ? Mention advantages..
What is Database?
What is a database system?
What is RDBMS ? Properties..
Types of database languages
ACID properties (VVVV IMP)
Difference between vertical and horizontal scaling
What is sharding
Keys in DBMS
Types of relationship
Data abstraction in DBMS, three levels of it
Indexing in DBMS
What is DDL (Data Definition Language)
What is DML (Data Manipulation Language)
What is normalization ? Types of them ..
What is denormalization ?
What is functional dependency ?
E-R Model ?
Conflict Serializability in DBMS ..
Explain Normal forms in DBMS
What is CCP ? (Concurrency Control Protocols)
Entity, Entity Type, Entity Set, Weak Entity Set..
What are SQL commands ? Types of them..
Nested Queries in SQL ?
What is JOIN .. Explain types of JOINS
Inner and Outer Join
Practice sql queries from leetcode
Diff between 2 tier and 3 tier architecture
Diff between TRUNCATE and DELETE command ..
Difference between Intension and Extension in a DataBase
Difference between share lock and exclusive lock, definition of lock

Compute Networks
Define network
What do you mean by network topology, and explain types of them
Define bandwidth, node and link ?

Explain TCP model ..
Layers of OSI model
Significance of Data Link Layer
Define gateway, difference between gateway and router ..
What does ping command do ?
What is DNS, DNS forwarder, NIC, ?
What is MAC address ?
What is IP address, private IP address, public IP address, APIPA ?
Difference between IPv4 and IPv6
What is subnet ?
Firewalls
Different type of delays
3 way handshaking
Server-side load balancer
RSA Algorithm
What is HTTP and HTTPS protocol ?
What is SMTP protocol ?
TCP and UDP protocol, prepare differences
What happens when you enter “google.com” (very very famous question)
Hub vs Switch
VPN, advantages and disadvantages of it
LAN



Technical Round
Write a binary search program
Method Overloading vs Overriding
Collection Hierarchy
Which collection is thread safe
What is Load balancer
WAP to add 2 numbers without + operator
Explain project
Spring vs Spring Boot
Spring Boot Annotations
What is REST
Write a REST API
Write a select query to print 3rd highest salary
Again above query without using limit
Difference between SQL and NoSQL database
What do you know about System Design
What is CI/CD pipeline
Explain React

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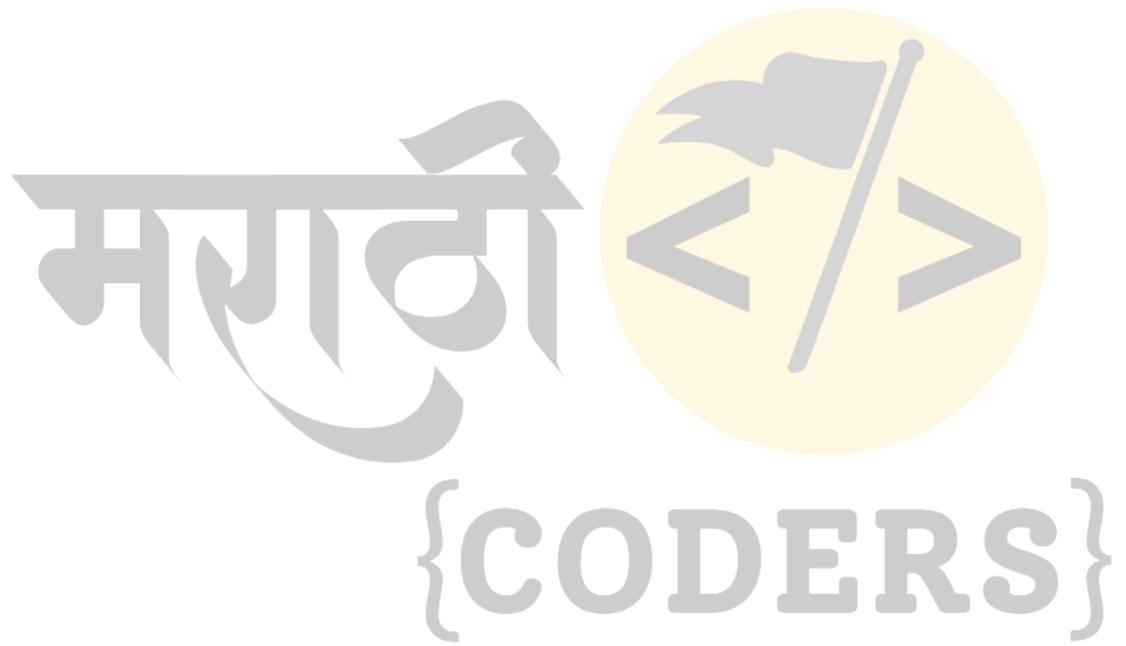
HR Round

Tell me about yourself

Explain your College and CDAC project, what challenges did you face and how did you overcome those challenges?

Why did you choose this company

Do you have any questions for us



Flextrade interview questions

Oops concepts

Write simple class student with 2 argument and stuname and stuphone

Give examples of inheritance in real life

Tell me oop concepts from your project

Do you know linux

Asked puzzle of 9 coins with 1 has different weight

Asked code for array search

Complexity of finding element in array

Write abstract class

Difference between abstract and concrete class

Do you know about cpp

Questions on project-

gives you different scenarios and ask why people use your system

Technologies used

What is hibernate

Http request request response cycle

Crud Operations

Required connections

Intro

Project

Technology

What is rest and its uses

Features of react

What is component? and its type?

What is json

Uses of AJAX?

MVC architecture?

What is responsive web page?

How to optimize web page response?

Types of join?

What is trigger,procedure?

What are the uses of mysql?

KPIT

Java:- why java

Concept

Jvm

Jit

Why platform dependant and what if it is not platform dependant

Code on inheritance

Abstraction Interfaces

Javascript why javascript

Is there any alternative

Node js

Why node js

Any alternative

Mysql difference

Database

Inner join outer join

Mongo uses

Mongo query

Mongo document

jQuery (yaad nii aa raha)

Sql vs mysql

Applications

Some queries of inner join and outer join

Their difference

React phase

Dom

Spring

Difference between spring and springboot

Rest api

Uses

Any alternative

Introduction

Questions on project Database concepts

What is your role in project

Which technology used

What is spring boot

What is meant by ternary operator

Full core java v4rl all basic concepts N project

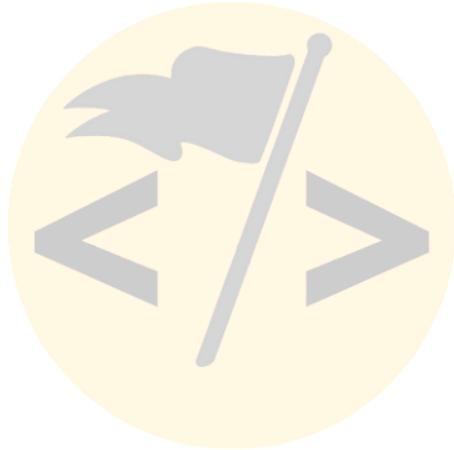
- 1.B.E project in dip because i got MNC internships
- 2.Area of interest Frontend or Backend
- 3.CDAC Project info in deep
- 4.write a code for prime number in JS
- 5.Write a code for String reverse in JS
- 6.Write a div tag ang p tag in html.
- 7.Your responsibility of your project.
- 8.What module your are build in your project.
- 9.Which Database have you used?

Technical interview

1. Tell me about yourself
- 2.oops concepts with example
3. Working of interface
4. difference between abstract and interface
5. Constructor
6. Thread
7. Difference between thread and process
8. Multithreading
9. What is String buffer , String builder
10. project discription
11. Oop concept use in your project
12. Difference between self join and natural join
13. Joins
14. Normalization
- 15.JRE JDK JVM
16. Difference between hashCode and Hashtable
17. How polymorphism achieve in java
18. Collection use in your project
19. spring and spring boot difference
20. Annotations use in your project

Manager or HR round

1. Tell me about yourself
- 2.BE project
- 3.Cdac project description
4. your responsibility in your project
5. Area of interest ex. Language, frontend , backend
- 6.which technologies use in your project
- 7.Why Cdac
8. Are you willing to relocate
9. How do you handled some task or mistakes at work
10. Tell me how you are personally



11. Any accomplishment till now .
12. How You handle any problems with your coworkers
13. What have you done in the past to expand your knowledge rather than Cdac
15. Tell me about your work experience with previous organization
14. Do you have any questions for me

Describe the project in well manner n core java basic question like oops,thread (how to kill a thread n how to make a thread) n collection (diff bw list, set like wise) and one question is scenario base where you have to use data structure concept

Interview questions

- 1) OOPs concepts with example and code,
- 2) diff between public private and protected keywords with example
- 3) interface with examples code
- 4) Abstract classes with small example
- 5) puzzle on
 - a) hat
 - b) Animal crossing room and his size is getting increase as he move half of the room
 - c) in a family 20 members are there and each women eat one sandwich man eat 3 sandwich and children eat 1/2
- d) 3 man with 1torch cross a river but from bridge only 2person can walk

- printing code
- Types of Constructor
 - Copy constructor code
 - Diff between interface and abstract classes
 - all basic concepts of oop and java

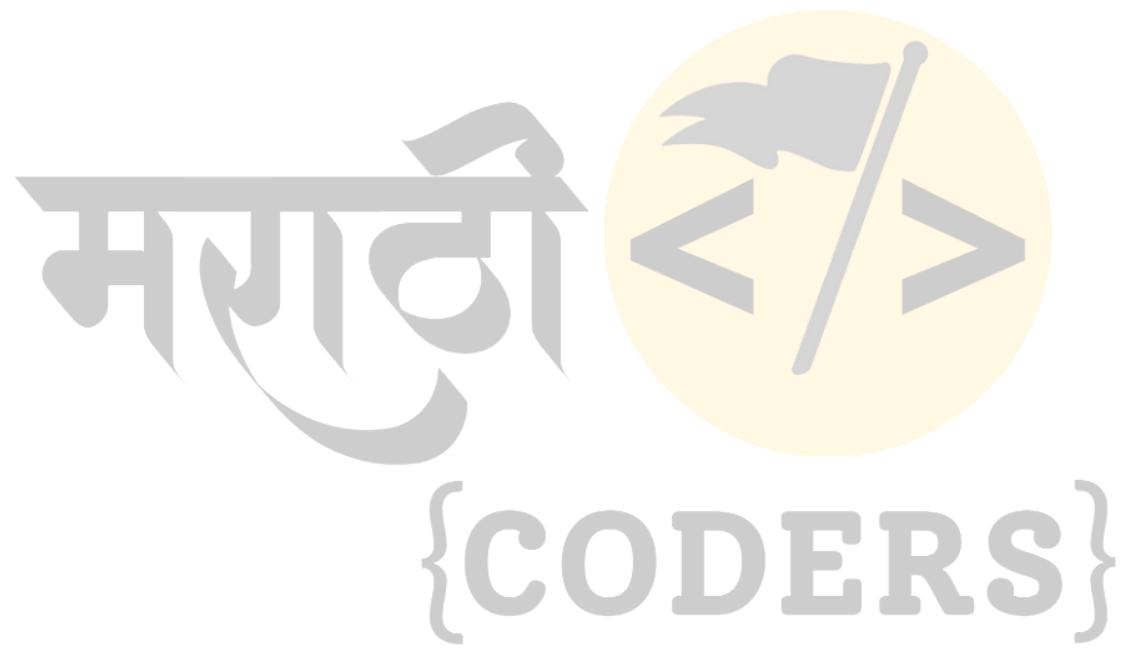
They give code and in min change try to run the code

Project related questions on the technology that I used in project. And example of oop concept u used in your project

That much I am able to recall right now some of things I am not able to recall but I think this much will help you in interview

- JRE JDK and JVM difference
Diamond problem solution
Hr round having some basic Questions

- 1.introduction
- 2.CDAC journey
- 3.Project info
- 4.Strength weakness
- 5.Your goals, etc



Dassault Systems FAQ

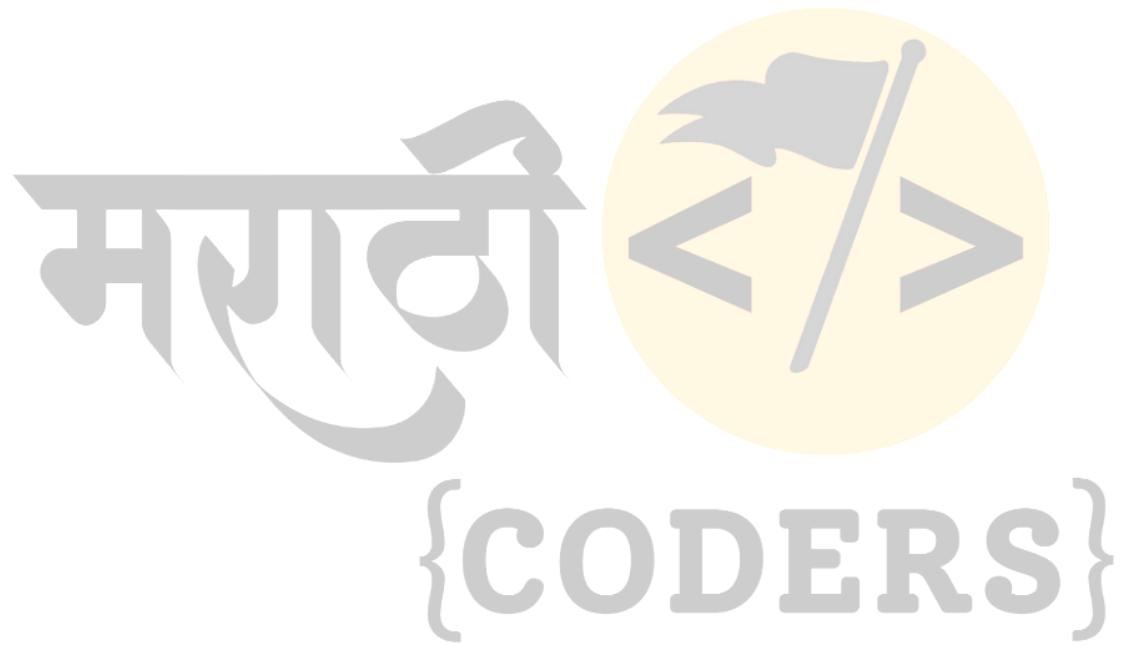
Sgle oops conceps
String immutable ki mutable
Final finally
Exceptions vr
Palindrom code
Ovverloding
Overriding
Foreign key
String reverse program
Primary key
Multithreading
Hash map hash set
Collection
Arreaylist link list difference
String buffer string builder diff
== and equals difference
N final finally tepn sgl kra
N oops concepts use in project hapn question ahe ek
N as pn sangitl ki ashi ashi situation ahe tr mg te start mde yenar runnable mde ki running
mde asa



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Cumulus

Ia fkt DS and Multithreading vr codes and collections mdhlya methods implement kryla lavlelya..
Baki theory tr common ch hoti

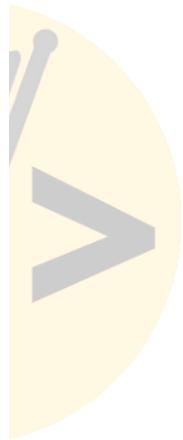


Credit Suisse

2).

credit suisse

- 1) Introduce yours self
- 2) what is class file in Java
- 3) what is jar file in Java
- 4) what is manifest in Java.
- 5) Explain Xero Project
- 6) SQL query for max of salary.
- 7) find highest rank in sql
second
- 8) Linux command - remove ~~file~~ duplicate ⁱⁿ in a file.
- 9) count number of words ^{word} in linux.
- 10) count occurrence of word - in linux
- 11) what is Equi join
- 12) Difference between Primary key and foreign key.



LUCASRS}

First Round : [TECHNICAL]

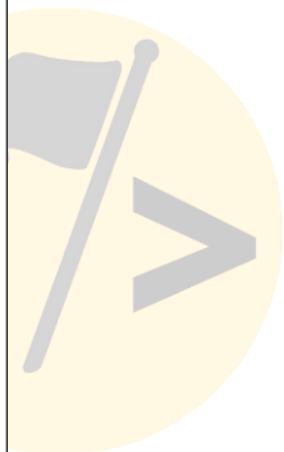
- ① Using stack, create queue, linkedlist.
- ② Core Java in detail [Refer Nitin Sir's Notes]
- ③ Questions based on Java
 - [Returning list from a program & shouldn't allow addition inside list]
 - [Ans: Clone Method]

Second Round : [TECHNICAL]

- ① Restful API
- ② Puzzles ENTHI MAM'S MINDBENDER
- ③ Datastructure [Stack, Queue, LinkedList]
 - [Any question related to this datastructures]
- Eg:- ① Reverse the linkedlist in three different ways!
 - ① same as above with doubly-linked-list.

Third Round :

- ① C# basics + advance.
- ② WPF
- ③ Serialization,
- ④ Locking and different ways of locking.



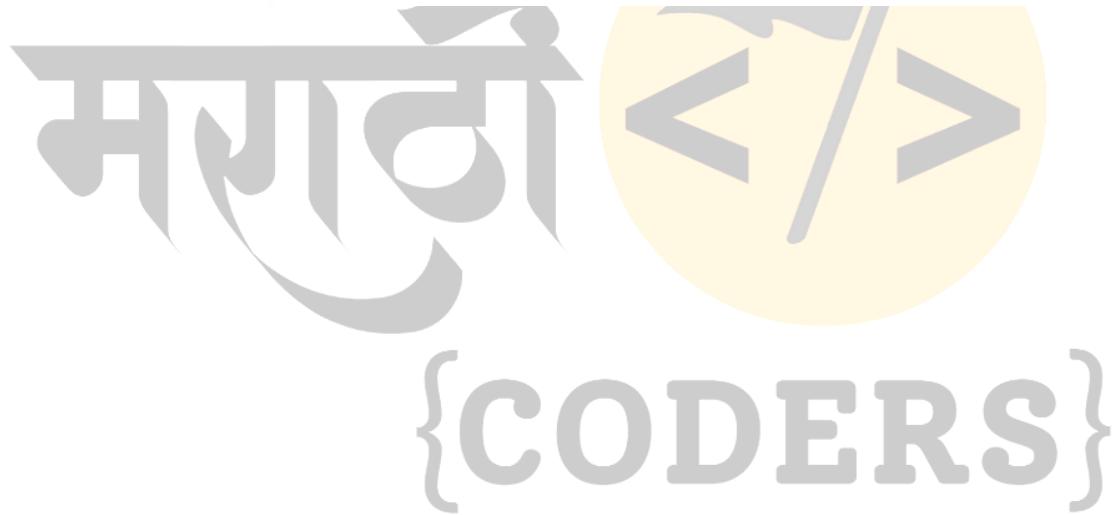
LUDERS}

① Walls

Consider N walls, each of unit width, situated next to each other.

You have to select any two walls i and j ($i \leq i$, $j \leq N$) such that if you break all walls except i and j and fill spaces between them with water, then the amount of water stored is maximum.

Write a program to find the maximum amount of water that can be accumulated between the walls.



④ Array and the Tree

Q.3 You are given an array of size N. The array is formed using a tree rooted at node 1.

Array generation code:-

```
generate (node)
{
    if (node == 1)
        insert node into the array
    visited [node] = true;
    for (all nodes in the adjacency list of node)
    {
        child = node in adjacency list
        if (child is not visited)
            { insert child into the array
              generate (child) }
```

you have to obtain the tree using the array and print the number of nodes in the subtree of every node.

Credit Suisse

Rohit Kadom

1st round (Appt + technical)

- Quants. (Probability).
- Logic questions (Rope burning in 45 min, 3 daughters age).
- SQL query.
- ML (Kfold, Thrift, Gradient descent, stochastic GD).
- Big data, E
- Pandas, Numpy array.

2nd round (Telephonic interview)

- Q1. There is stock market data from economic times and BSE site. You have to extract the data directly into excel sheet (No copy pasting). Analyse the data & perform EDA.
- Q2. From TOI site, extract the data, comments from the site which contains the word 'BJP' in it and perform analysis on it whether it is in favour or against of BJP.
- Q3. Write a map reduce program to extract find the highest salary from each department and what can be the key & values after each phase?

— Could't make to the 3rd round 😔 —

① API & MCQ based questions of other modules.

- Logical questions
- SQL
- Time complexity & efficiency of algorithms
- Numpy arrays
- Machine Learning
- Hadoop

② Technical round

- Case study - Sentiment Analysis - Twitter.
- How will you sort a file containing numbers of size 2 GB in a machine having 1 GB RAM.



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③ Technical + Logic round

- 3 Questions - Introducing yourself + Why Bigdata +
What do you think, how will our bank help you grow?
- Case study - You are a bank owner, how will you
decide in which locations should you deploy
ATM machines?
- Software Development life cycle methodologies
If you are a car manufacturer, which development
methodology would you choose - Agile / waterfall
- If you have an idea and your manager rejects your
idea because you are a fresher, how will you react?
[How will you react in a situation of conflict]
- What do you think how long do you require for
learning any new technology - quantify in days/ weeks.

Credit Suisse - vaidehi 1st round

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Intro

Project

backend (spring boot Architecture, IoC, dependency injection)

frontend (react)

db (basic query)

Binary search algorithm explanation + time n space complexity

Java

1.Method overloading (Access modifiers, return type related Q) Vs overriding

2.Inheritance

3.Abstract cls Vs i/f diff.

4.Collection

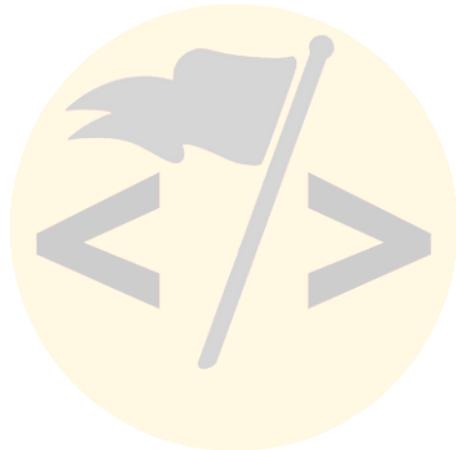
5.List Vs Set

* Credit Suisse *

- 1) OOPs concepts in deep
- 2) C vs C++
- 3) MySQL Joins (Query asked)
- 4) Co-related query
- 5) What are procedure and triggers
- 6) Functions vs Procedures
- 7) Tree , Inorder logic (tell programmatic logic)
- 8) bulb Puzzle
- 9) Spring Boot vs Spring vs Hibernate
- 10) DB code (JDBC or Hibernate)

Credit Suisse Round 1-Shaikh Arshiya 2022

Introduction
Project
Oops
Exception Handling
Checked unchecked
String buffer String Builder
Overriding overloading
Thread life cycle
Mysql commands
Trigger
Joins
Collections
ArrayList
Ds basics
React advantages
Credit Suisse



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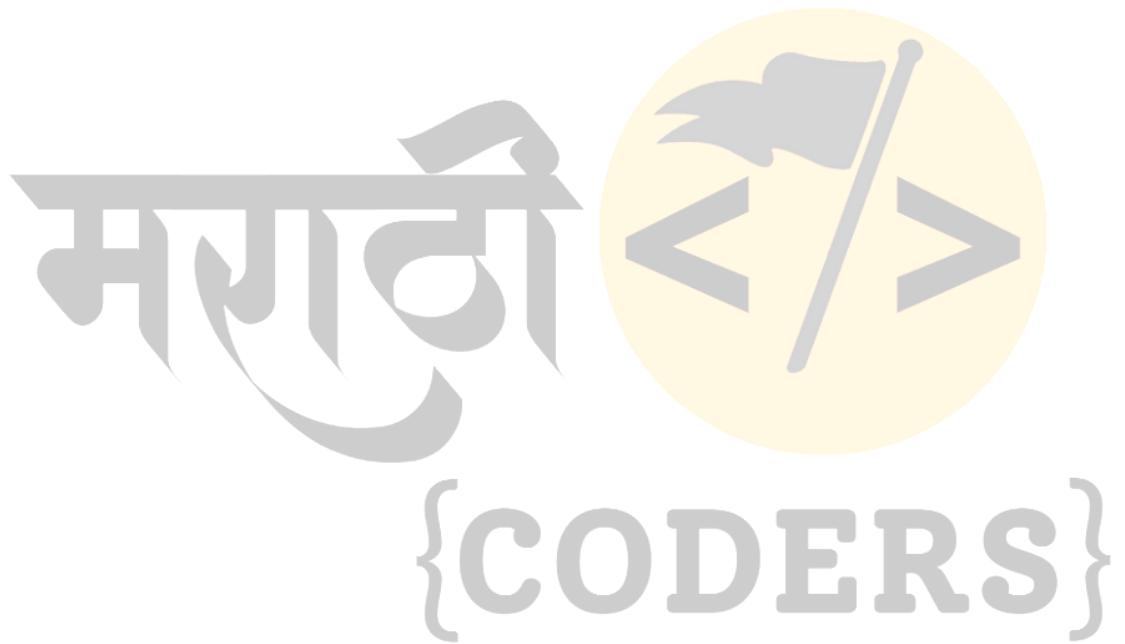
Round2-Arshiya Shaikh

Project details
Project flow (Backend Layered Architecture)
Inheritance code
Ds basic
Static vs instance
Scenario for writing method in your project when customer logins with the blank details
Hashtable

Feb 2021 Placement Questions Sheet

Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Cybage Software Pvt Ltd	Pune	Project Details, OOPS Concepts, Difference Between Overriding and overloading, Types of Polymorphism, Difference Between Authenticate and Authorization	Introduction, Speak on random topic for some time, what you like most about Cybage, Why did you choose CDAC, Reason for career switch, Willing to relocate
CDAC PUNE	Pune	Project Details, .Net basics, private constructor, multithreading, abstraction with real time example, compile & run time polymorphism, diff. between final,finally and finalize, asynchronous method, diff between error and exception, basic DS questions, Object cloning, Exception handling & other basics of java	No HR Round
Cybage Software Pvt Ltd	pune		
Cybage Software Pvt Ltd	Pune	Project Details, Truncate vs Drop, OOPS Concepts, Normalisation, Unit testing, White box vs Black box	Introduction, About Family
Coupa Software	Pune,Hyderabad	Project Details, Java Concept, Merge Sort, Array based coding	
IKS Health	Mumbai	Questions on Database and Java, Memory Diagram for object creation, overloading vs overriding, cross join, what if we mention null = null condition on joins	Why we switch into IT sector, about job experience, about edac experience, about problems faced during project
FlexTrade India Pvt Ltd	Pune	Database basics, operating system basics, little bit about shell scripting	Introduction, Address, About family, Hobbies
CDAC PUNE	Pune		No HR Round
Cybage Software Pvt Ltd		Introduction, Explain your project, can we pass container to another container in angular, questions on environments in angular, which collections did you use in your project, Static classes, static methods, static methods vs methods, Interfaces, Abstraction, Bubble sort, types of queries in MySQL, Joins and its types, difference in truncate and delete, delete and drop, de-normalization, questions on git	Introduction, Tell me about your family, Why did you choose CDAC, A general topic was given for discussion, willingness for relocation
CDAC PUNE	Pune	Collection Framework, Static Components, Multi-threading, Exception Handling, Angular vs AngularJS, Database Queries, Spring Boot basics, Dependency Injection, Can we override main() method in Java, Difference between NoClassFound and ClassNotFoundException	Hobbies, Weekend activities, Willingness to relocate, Side projects
CDAC PUNE	PUNE	CDAC & BE project, c vs java, class, structure vs enum, inline vs macro, oops concept, loops, overloading vs overriding puzzles, collection framework, hibernate, pointer, real life examples of oops concepts, spring intro, why edac	
Amdocs	Pune	Introduction, Project, Java: OOPS Concept with real time examples, difference bet final, finally, and finalise with practical example, Overloading VS Overriding, Basics of collection framework and other basic question related to Core JAVA, Asked to solve two coding problems, SQL: Difference between various keys, diff. aggregate functions, pattern matching, IN keyword, Constraints, JOINs, UNIX: Basic commands	Introduction, About family, Why Amdocs?
Paycraft	Mumbai		
Coupa Software	Pune,Hyderabad	Sorting and DS related algorithms, String manipulation, OOPS Concepts, Polymorphism with implementation, Database schema design and queries related to that schema, Normalization, Difference Between Spring and Spring Boot, Dependency Injection, Lambdas, Collection Framework, Angular, Spring Boot Annotations, Project Related specific questions, Past work experience related questions about the nature of work, C++ STL related questions, Puzzles, Program for Nth min and maximum in an unsorted array without sorting it	Hobbies, Biggest Achievement and Blunder, Introduction
Cybage Software		Project Details, Java Concept	Introduce yourself, hobbies, why Cybage?
Cybage Software		Introduction, Project details, what is Docker? why we use Docker? how to deploy project on docker? what is Devops? n-tier architecture of your project? MVC, Primary key, Foreign key, Joins, Constraints, Trigger, View, query related to joins, what is Springboot? what is ORM? Hibernate? Annotations? what is Thymeleaf? OOPS Concepts, Stored procedure, Static keyword, inline function, multiple Inheritance, Diamond problem solution, Linked list, heap sort, merge sort, binary search	Introduce yourself, hobbies, why Cybage?
ZF Associate	Hyderabad	Elaborate "public static void main" in brief How to create singleton class Difference between interface and abstract class write code for method overloading and method overriding Explain multithreading and thread methods Constructor can be overridden? How we implement queue data structure from stack data structure which traversal is best for traversing wide binary tree Write code for bubble sort Questions based on BIOS What is join and explain its type Explain innerHTML What is inline, internal and external regards to CSS Explain is JPA Explain CLR Questions on version controlling system What is distributed computing network what is cloud computing	Tell me about yourself Why do you chose CDAC Why do you need this job Family background
CDAC Pune		Intro, Project Discussion, AOP, Java 8 Features, Lambdas, Encapsulation, Angular Directives, Version Control Systems, Task Management Systems, Spring Boot Annotations, Spring Security Basics, Encryption Algorithms, Various Government Schemes for Digitization in India.	
CDAC Pune	Pune	Introduce yourself with project done in CDAC, role in project, verification and validation, Authentication vs authorization, JWT authentication header in jwt, Controller and service anno, different annotation in spring, JPA, different type of JPA query, named JPA query, explain one to many, many to one, one to one relation, which is eager and which is lazy, how to make explicitly eager initialization, why spring boot for project, Dependency injection, how to create and run jar file, runtime polymorphism, what is POM file, serializable, synchronization, NPM, why it is used, maven, which project tools is used in angular, how hit api from angular, how to hide some component in angular, how you have saved password in your project and which encryption algo is used for password encryption, how you have secure your rest api, how to manage session on server side.	
Cybage Software	Pune		Introduce yourself, Take me through the easy which was answered by you in aptitude exam, Why do you want to join the company?
CDAC	PUNE	Intro, Project , Normalization, Trigger with example, Joins, Abstraction, Encapsulation, Default Keyword, static and non static with usecase, serializable, annotations, List, Iterator(fast fail behaviour), Thread, Runnable, AOP Basic, mutable vs immutable, Exceptions , final and finalize	
Bank of America	Chennai	Intro, Technical strengths, Project details, My role in project, Normalisation in DBMS, Java OOPS concepts, Inheritance, Difference between Multiple and multi-level inheritance, Components in angular, Joins in tables, Processes in OS.	No HR Round

Cybage Software			Tell me about yourself, Why did you choose CDAC, What do you know about Cybage, Which is your preferred location, Are you feasible with Role Or any specific Gd topic:- Should English be compulsory language because of advancement in technology in India
Flextrade	Pune	Intro,Breif about project,UNIX Commands,Puzzles,Project related quetions & cpp coding like reverse the string.print duplicates from the string.what is virtual keyword,diff betwen abstract class and interface etc	
CDAC	Pune	Intro, Breif about project,annotations , virtual, mutable, volatile keywords , function overriding & overloading, AOP, Basic DBMS terms , normalization	
Cybage Software Pvt Ltd	Pune	Introduction,Explain your project,what is component and model in angular, are you familiar with spring annotations, what is generics,how we handle exceptions in java, static methods, what is constant in java, explain polymorphism, write code for polymorphism, keys in database, difference between primary and foreign key, Joins and its types, normalization	Introduction, family background, how was your pandemic experience, are you willing to relocate
Evolent Health	Pune	Introduction, project related questions, annotations in springboot, directives in angular, java collection framework, program to count number of occurrences of a particular character in a given string, binary search, time complexity, Acid properties	Why did u switch from mechanical to IT?, location, puzzles, what do u know about our company? , Why our company?



		<p>Round 1</p> <hr/> <ol style="list-style-type: none"> 1. What is classes 2. Explain oops concept along with uses 3. Access Specifiers along with uses 4. Aptitude ques based on train relative speed, and number series 5. Write a program of bubble sorting algo 6. Write a program of Fibonacci series. 7. What is file structure and storage structure <p>Round 2</p> <hr/> <ol style="list-style-type: none"> 1. Types of Exception 2. String, String buffer, Stringbuilder difference 3. Write a program having array a[] = {1, 2, 7, 9, 3, 4} find pair of elements having sum = 10 but pairs must not be repeated (unique pairs should be displayed) 4. How many approaches you can use and explain which one is good respective to complexity. 5. Tell me the complexity of approach you have used. 6. What do you mean by time complexity 7. Reverse array elements of integer and char types with both str and iterative approach 8. How will you write a program for two threads to execute, 9. How will you void some implementations which are under sync block 10. Applications of stack & How will you reverse the array using stack and tell the complexity 11. If you have a array to sort which algo will you prefer and why 12. Write code of merge sort (with explanations how it works), bubble sort 13. What is difference between c and java 14. Where we use c++ and where we use java 15. Which lang is faster 16. Difference between compiler and interpreter 17. What is Binary Tree 18. How we can traverse tree, explain all the methods 19. Write a program of fibonacci series upto size 100 	
Cybage Software Pvt	Pune		
Cybage	Pune	Introduction , Explain project , OOPS concepts , explain Normalisation and types , primary data structures	Introduce yourself , reason to join CDAC , two topics to speak , willing to relocate
Bank of America		Technical round 1: introduce yourself, oops concepts in java, difference between interface and class, final class, final variable, final method, difference between arraylists and linkedlist, collection framework, access specifiers, different types of SQL joins, SQL queries Technical round 2: introduce yourself, final class, what happens in arrays, difference between	
Cybage	Pune	what is classloader, types and working, diff b/w java and c++, sdlc, explain agile jvm architecture, how program stored in memory, project explain, how did you download	how was your journey from graduation to dac, why do you want to join cybage, preferred location and position,
Cybage	Pune		Introduce yourself, educational background, reason for gap year, CDAC project and your role, why do you want to join Cybage, what
Cybage	Pune	what is octal integration, docker file, docker images, docker compose, how you deploy your	Introduction, tell me about cybage, asked about gaps
Cybage Software Pvt Ltd	Pune	Explain your CDAC project for 2 min and the role you played. What are the technologies used in the project. Why these technologies only. What is different in your project and the one	Introduce yourself, Educational background, Family background, reason of switching the field, Speak 3 minutes on pros and cons of
Flextrade	Pune	Explain your CDAC project , Find the number of ls in array of 0s and ls without using comparator operator, Reverse an array with minimum space complexity and time complexity, Write a program of counting sort, Multiple inheritance pros and cons, Solution of diamond problem, virtual destructor, vtable, operator overloading, C++ STL, set vs	Introduction, Family Background, Why you choose IT, Willingness to relocate
Cybage Software Pvt. Ltd.	Pune	Explain your project, angular interceptors, life cycle methods, program to find sum of n natural numbers (with constant time complexity), sorting algorithms	Introduction, Questions regarding hobbies, speak on given word, willingness to relocate
Dassault Systemes	Pune	All core Java concepts, write code for sorting the elements, code for Deadlock	Introduction, family background, explain project, about company
Cybage Software Pvt. Ltd.	Pune	Explain J2EE Compiler, Explain framework models, name of their models than agile and waterfall, why you chose angular over other, did cdac asked u because of that, explain angular, difference between java and other languages, why java validation usage in	Introduction, College, Background, explain project, Why cybage, Do u feel lucky or dd u deserved this job, willingness to relocate, is stream more important or location
Cybage Software Pvt.			
CDAC	Pune	Introduction, JWT, difference between javascript and typescript, MVC Request flow, Dependency Injection, Collections, db difference between having and where clause	Willingness to relocate.
Cybage Software Pvt. Ltd.	Pune	1. Tell me about yourself. 2. Explain your CDAC project 3. Why did you choose java as your project backend technology. 4. What is dependency injection. 5. Give some advantages of	1. Tell me something about your home town pune. 2. Why did you choose CDAC after your engineering. 3. What do you know about
Cybage Software Pvt.	Pune		
Cybage Software Pvt. Ltd.	Pune	Tell me about your project, difference between Spring and Springboot, Angular blocks and describe them, annotation questions, challenges faced during your project and how you	Tell me about your family background. Are you willing to re-locate? Where are you currently staying? Why choose CDAC and how was
Cybage Software Pvt. Ltd.	Pune	Tell me about yourself. Describe Your project and then tell me flow of any part i.e how from frontend to backend the flow goes. spring MVC brief introduction. What is your greatest	Family and educational background and Hobbies. Why do you come to it profession if you are from the mechanical background? are
Accops Systems Pvt. Ltd.	Pune	Questions on networking, Various protocols, Difference between TCP & UDP, IPv4 vs IPv6, Question on router, basic questions on programming, a puzzle	

Company*		Location*	Questions asked during placements	
			TECH Round	HR Round
Cybage Software Pvt Ltd	Pune	Project Details, OOPS Concepts, Difference Between Overriding and overloading, Types of Polymorphism, Difference Between Authenticate and Authorization	Introduction, Speak on random topic for some time, what you like most about Cybage, Why did you choose CDAC, Reason for career	
CDAC PUNE	Pune	Project Details, Net basics, private constructor, multithreading, abstraction with real time example, compile & run time polymorphism, diff. between final, finally and finalize, asynchronous method, difference between error and exception, basic DS questions, Object cloning.	No HR Round	
Cybage Software Pvt	pune	Project Details, Truncate vs Drop, OOPS Concepts, Normalisation, Unit testing, White box vs Black box testing	Introduction, About Family	
Coupa Software	Pune, Hyderabad	Project Details, Java Concept, Merge Sort, Array based coding	Introduction, About Family	
Cybage software pvt.	pune			
IKS Health	Mumbai	Questions on Database and Java, Memory Diagram for object creation, overloading vs overriding, exception handling, null and condition on joins	Why we switch into IT sector, about job experience, about cdac, experience about problems faced during project	
S Trade India Pvt Ltd	Pune	Data base basics, operating system basics, little bit about shell scripting	Introduction, Address, About, Hobbies	
CDAC PUNE	Pune		No HR Round	
Cybage Software Pvt Ltd		Introduction, Explain your project, can we pass on same to another contractor in angular, questions on environments in angular, which collections did you use in your project, static classes, static methods, static methods vs	Introduction, Tell me about your family, Why did you choose CDAC, A general topic was given for discussion, willingness for relocation	
CDAC PUNE	Pune	Collection Frame work, Static Components, Multi-threading, Exception Handling, Angular vs Angular JS, Data base Queries, Spring Boot basics, Dependency Injection, Can we override collection, loops, overloading vs overriding, puzzles, collection	Hobbies, Weekend activities, Willingness to relocate, Side projects	
CDAC PUNE	PUNE	CDAC & BIE project, cv.java, class, structure vs enum, inline vs macro, oops concept, loops, overloading vs overriding, puzzles, collection		
Amdocs	Pune	Introduction, Project in Java: OOPS Concept with real time examples, difference between final, finally, and finalise with practical example, Overloading VS Overriding, Basics of collection framework and other basic question related to Core JAVA, Asked to solve two coding mechanism, E-Cat, Difference between recursive function, different functions	Introduction, About family, Why Amdocs?	
Payeraft	Mumbai	Sorting and DS related algorithms, String manipulation, OOPS Concepts, Polymorphism with implementation, Database schema design and queries related to that schema, Normalization, Difference Between Spring and Spring Boot, Dependency injection, Lambdas, Collection Framework, Angular, Spring Boot Annotations, Project	Hobbies, Biggest Achievement and Blunder, Introduction	
Coupa Software	Pune, Hyderabad	Project Details, Java Concept	Introduce yourself, hobbies, why Cybage?	
Cybage Software		Introduction, Project details, what is Docker? why we use Docker? how to deploy project on docker? what is Devops? n-tier architecture of your project? MVC, Prima key, Foreign key, Joins, Constraints, Trigger, View query related to joins, what is Springboot? what is ORM? Hibernate? Annotations? what is Thymeleaf? OOPS Concepts, Stored procedure, Static	Introduce yourself, hobbies, why Cybage?	
ZF Associate	Hyderabad	Elaborate "public static void main", In brief How to create single tone class, Difference between interface and abstract class, write code for method overloading and method overriding explain multithreading and thread methods!, Constructor can be overridden?, How we implement que data structure from stack data structure which traversal is best for traversing wide binary tree, Write code for bubble sort Questions based on BIOS, What is join and explain its type Explain inner HTML, What is inline, internal and external regards to CSS Explain JPA, Explain CLR, Questions on version control system, What is distributed computing network what is cloud computing	Tell me about yourself Why do you choose CDAC Why do you need this job Family background	
Company*		Questions asked during placements		
			TECH Round	HR Round
CDAC Pune		Intro, Project Discussion, AOP, Java 8 Features, Lambdas, Encapsulation, Angular Directives, Version Control Systems, Task Management Systems, Spring Boot Annotations,		
Cybage Software	Pune			
SIEMENS	Bangalore			
Amdocs	Pune			
Cumulus	Pune	Introduce yourself with project done in CDAC, role in project, verification and validation, Authentication vs authorization, JWT authentication header in jwt, Controller advice anno, different annotation in spring, JPA, different type of JPA query, named JPQL query, explain one to many, many to one, one to one relation, which is eager and which is lazy, how to make explicitly eager in annotation, why spring boot for project, Dependency injection, how to create a jar file, runtime polymorphism, what is POM		
Cybage Software Pvt	Pune			
Cybage Software	Pune		Introduce yourself, Take me through the easy which was answered by you in first interview, What do you want to learn in company?	
CDAC	PUNE	Intro, Project, Normalization, Trigger with example, Joins, Abstraction, Encapsulation, Default Keyword, static and non static with use case, serializable,		
Bank of America	Chennai	Intro, Technical strengths, Project details, My role in project, Normalisation in DBMS, Java OOPS concepts, Inheritance, Difference between Multiple and multi-level inheritance,	No HR Round	
CommScope	Bangalore			
Cybage Software			Tell me about yourself, Why did you choose CDAC, What do you know about Cybage, Which is your preferred location, Are you feasible with Role Or any specific Job topic:- Should English be communication language because of advancement	
Flextrade	Pune	Intro, Brief about project, UNIX Commands, Puzzles, Project related questions & coding like reverse the string, print duplicates from the string, what is virtual keyword, difference between		
CDAC	Pune	Intro, Brief about project, annotations, virtual, mutable, volatile keywords, function execution, what is lambda, what is functional programming, what is functional interface		
IKS Health	Mumbai			
Cybage Software Pvt Ltd	Pune	Introduction, Explain your project, what is component and module in angular, are you familiar with spring annotations, what is generics, how we handle exceptions in java, static methods, what is constant in java, explain polymorphism, write code for polymorphism, keys in	Introduction, family background, how was your pandemic experience, are you willing to relocate	
Evolent Health	Pune	Introduction, project related questions, annotations in spring boot, directives in angular, java collection framework, program to count number of occurrences of a particular	Why did u switch from mechanical to IT, location, puzzles, what do u know about our company?, Why our company?	

Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Bajaj Finserv Direct Ltd	Pune	<p>Why Mechanical? Why not Computer Science? How much comfortable you are in Java?</p> <p>Interface and Inheritance?</p> <p>What methods you will choose if you have to design a car interface? What are wrapper classes?</p> <p>What will happen if you do like this (Integer a=1; Integer b=0; Integer c=a/b;)?</p> <p>What will happen if you are accessing a file on your c drive in the java program and the file is not present at a specified location?</p> <p>Asked a simple program on multithreading. (Use of Sleep(), wait(), join()). How you will remove duplicates from ArrayList?</p> <p>Difference between Hashtable and HashMap? Checked and Unchecked exception? with examples.</p> <p>Database Normalization?</p> <p>ACID properties in Database? String reverse program?</p>	
IKS Health	Mumbai		
Cybage Software Pvt Ltd	Pune		Basic Introduction
Aujas Cyber			
Bank of America	Unknown		
Cybage Software Pvt Ltd	Pune	Explain JIT Compiler, OOPS Concept, difference between java and other languages, your role in project, whitebox and blackbox testing	Tell me about yourself, explain gap of years after college, Why you decided to change your branch. Why you chose CDAC. Location and
Bajaj Finserv Direct Ltd	Pune	https://docs.google.com/document/d/1w0LcWHWNGkmLipJWWFRxXWh8tT08xopewuV0icLO/edit?usp=sharing	No HR Interview

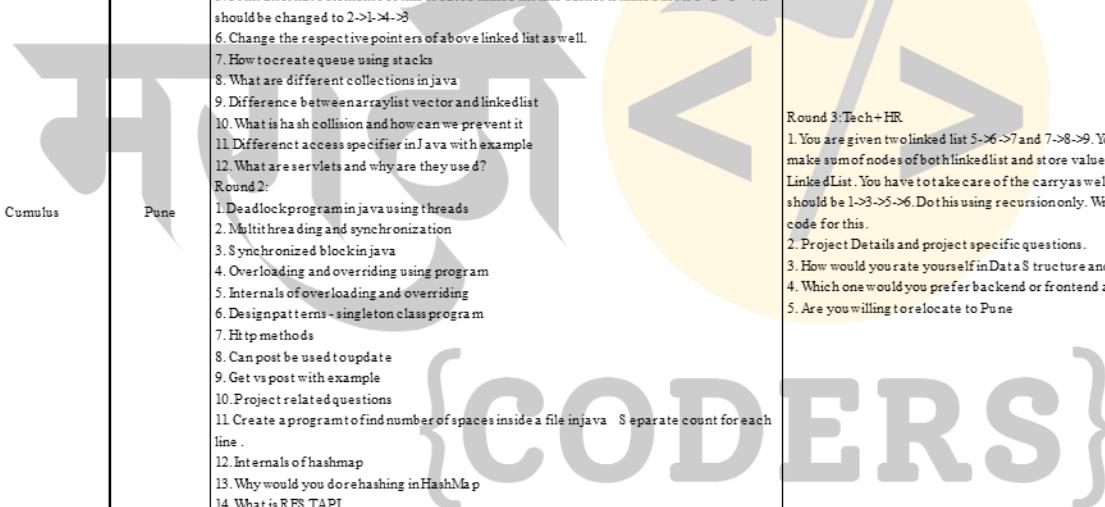


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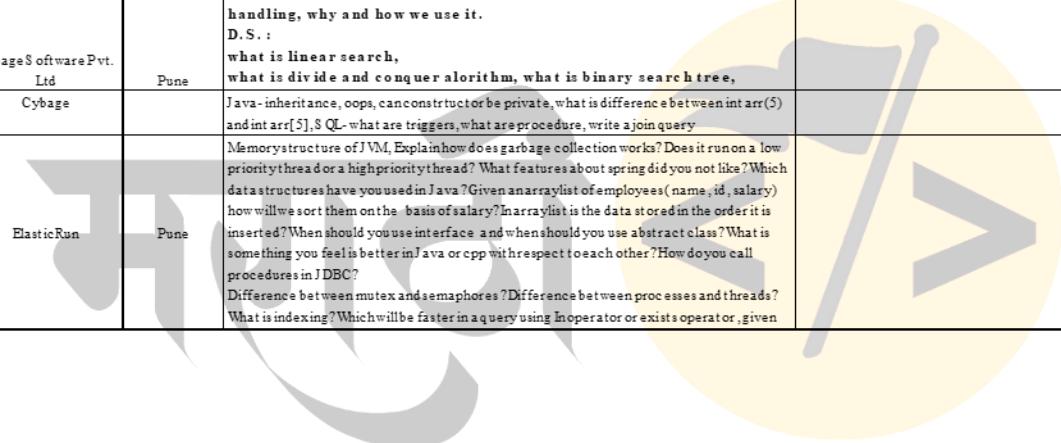
Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Coupa Software India Pvt. Ltd.	Hyderabad/Pune	<p>Java:</p> <p>What are the OOPS concept, give an example for each of them.</p> <p>Explain OOP concepts such that even a non-technical person can understand it. How did you apply OOPS in your project?</p> <p>What is the type of parameter for equals method? What is cloning?</p> <p>What is the difference between Hashmap and Hashtable? What are the different data structures available in Java?</p> <p>How can one change the maxheap size allocated for a java application?</p> <p>OS:</p> <p>What is hardlink and soft link. What is stickybit.</p> <p>What will happen to the inode/ permissions if</p> <ul style="list-style-type: none"> (a) You move your file to another location (b) Copy to another location (c) Copy it to another file system <p>Explain the various file-systems in UNIX</p> <p>How do you troubleshoot a process which stops as soon as you start it. How do you change the ownership of a file</p> <p>ADS :</p> <p>What are the various searching and sorting algorithms?</p> <p>Explain the various scenarios in which you would use each of those sorting algorithms. How to find the longest ascending sequence from a given sequence.</p> <p>How many data structures have you implemented on your own? What are the various applications of stack?</p> <p>DBT:</p> <p>Which are the various data-types in MySQL</p> <p>Query to find employee with the fifth largest salary</p> <p>Misc:</p> <p>Was asked to explain BE/B Tech project in detail. What are microservices.</p> <p>Explain in brief your CDAC project (Project Management System).</p> <p>There are many project management tools available in the market, why did you go for such an idea? Did you add any security feature for your project? If yes, explain.</p> <p>If the cost of one chocolate is Rs 1 and you have Rs 15 with you, how many max chocolates can you buy. The shop offers 1 chocolate for free if you return 3 wrappers. Write a program</p>	
Bank of America			
Cumulus	Pune	<p>Round 1 with given array find maximum subarray sum 2. write the code for overloading and overriding 3. Find middle of linked list gave ans then asked for optimized approach 4 create thread with runnable ROUND 2 2. Given two linked list merge and sort them so that the new list will have sorted list with one stable list --ans given they asked to solve with Recursive approach 2.2 write a deadlock problem in java 2.3 solve the written deadlock code earlier 2.4 Puzzle 8 batteries ltorch 4 batteries working and 4 batteries not working. What will be the minimum min checking so we can distinguish between them</p> <p>Round 3 Given two linked calculate the sum of nodes (rating as a general number) gave solution was asked for Recursive approach 2 Custom Sorting of Object Student object need to be sorted on rollNo THEORY what is</p>	Tell me about yourself? Biggest problem faced and solution to it, Conflict situation and resolution Ready to relocate to Pune ?
Siemens Healthineers	Bangalore	program on fabomacceries, program to find count of spaces in a string, swap function, a question on puzzle, OOPS concepts, polymorphism, difference between c# and java, MySQL query, difference between interface and abstract classes, program to reverse a	Tell me about yourself? Biggest problem faces and solution to it?, what did you for the six months after completion of B.E? Will you be able to relocate to Bangalore within 15 day ?
CDAC pune	Pune	Can we override main method(), how to select alternative row from table. Using Inverse of Many Method seen in UML what is the advantage of using	
Cybage Softwares	Pune	Angular: version of angular, difference between JS / TS, what is angular, why angular, Angular directives, syntax, services, injectables, what will you do if your service returned null. Git: git workflow, branches, merging, merge conflict resolution techniques, github, features of github. Java: inheritance, polymorphism, types of polymorphism, method	Tell me about yourself, Where do you live, distance from my native place to pune and native place to hyderabad, if pune is 230kms away from my native place, why you have given hyderabad in preferences, family background, are going outside during
Optum	Hyderabad	total 2 tech round. in 1st round concept of java, oop, angular and mysql with example and 2 coding question (bubble sort and reverse string) and how java concept have been implemented in cdac project. 2nd Technical: scenario based question (total 3-4 scenario)	
CDAC PUNE	PUNE	explain all the annotations used in project. role of application properties, marker tag, annotations and annotations, default assumed, annotated, annotated, annotated, annotated	
CDAC PUNE	Pune	Introduce yourself, Brief about Project, Annotations, serializable, DBMS related 5 queries, normalization, Thread, Hibernate related questions, Index in DBMS, Collection in Detail, Coding question like reverse String without using Function, Spring Boot annotations, Thymeleaf related questions, Session Management,	
S IEMENS	Bangalore	Tell me about yourself, Brief idea of the project, What are OOPS concepts? Describe each concept with code. What is the diff b/w array and arraylist? Which one is type safe and why? Given two 3 litres and 4 litres. Pour out exactly 5 litres of water into a different container of infinite capacity. On one side of a river are a farmer, a chicken, a fox and bag of corn. You have to go to the other side of the river in such a way that fox may not eat the chicken or chicken may not eat corn.	Tell me something about yourself? Why siemens? What products does siemens make? Are you willing to relocate? What are your weaknesses? How are you planning to overcome it?

Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Transunion Global Technology Center LLP	Chennai	TRANS UNION 1: Difference between .net and java? 2: Find second highest salary query 3: SQL Left join query count for two tables having 4 records and second having 3 records Functions vs stored procedures in sql 5: abstract class 6: Multiple inheritance in java Logical Puzzle: 3 red 3 blue and 3 red blue color balls having wrong tags ***HOW WILL YOU RECOMPILE A PROCEDURE AT RUNTIME *** ----- SCHLUMBERGER 7: how to call a method of parent class from a derived class 8: how to generate angular component without using ng g command 9: what happens in background when we create service in angular 10: what is module 11: where are services added 12: create a queue using linked list logic 13: INN 2NF with EXAMPLE 14: WHAT IS a thread; 15: difference between OOP AND POP	
Evolent Health	Pune		
CDAC PUNE	Pune	Project related question, description of various annotation, difference between rest controller and controller, utility of serializable, mysql configuration procedures in java	No hr round
CybageS Software Pvt. Ltd	pune	project related questions, data structure, oops question, linux commands, j2ee related questions, database query (SQL functions, nth maximum salary)	Tell me about yourself, relocation question.

Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Bank Of America		Round I 1. Project In Depth Details 2. Why Java 3. Write Code and explain Data hiding, Polymorphism, Encapsulation, Inheritance 4. Difference between method overloading & method overriding 5. Explain Garbage Collection in details 6. What is finalize method 7. How override finalize method 8. How to request for Garbage Collection 9. What is difference between final, finalize & finally 10. Explain exception hierarchy in java 11. Difference between Error and Exception 12. How to handle Error 13. What is centralized error handling And how to achieve it 14. Explain IO 15. Difference between Reader And I/O stream 16. Explain Serialization and deserialization 17. Explain collection hierarchy 18. How to allow duplicates in HashSet 19. Difference between HashMap and HashSet 20. Why to override Equals 21. Contract between equals and hashCode 22. 5..6 Database queries 23. Data Structure basics 24. Angular basics 25. Fibonaci series code 26. Reverse the string code 28. Explain Thread in details 29. What are the ways to create Thread in java 30. Why we need Runnable interface even though we have Thread class 31. Explain blocked on monitor 32. How to achieve synchronization 33. Which exception sleep method throws 34. Explain checked vs unchecked exception 35. Notify vs NotifyAll 37. Example of Checked and Unchecked exception 38. Why hibernate explain pojo lifecycle 39. Blocking trigger for thread 40. DDL DML Round II (HR+Technical) 1. Project In depth 2. What is spring boot why you choose for project 3. What is MVC explain flow in details 4. Explain Angular working in depth 5. What is dependency injection 6. write code for searching chapter in book decide suitable Data structure 7. Difference between ArrayList & Linked list 9. Why ArrayList is better 8. Code for Binary search 9. What is AWS 10. What is microservice & why to use 11. What is RDS in AWS 12. How to get Public URL from AWS 13. How you hosted data in AWS 14. What is load balancer 15. What is Spring Eureka Explain its working 16. How to tell Spring Eureka to Act as main server 18. There was given table of Employee and they asked some queries on that 19. What is Eager fetch 20. How to achieve singleton pattern in core java 21. Why static initializer block 22. Can we overload main method in java 24. Where does memory get allocated to static members 25. Annotations used in project 26. What is Servlet 27. Constructor based DI 28. Explain @SpringBootApplication 29. Why Interfaces 30. Explain Abstraction Without using technical words	It Was Technical + HR 1. Tell me about Yourself 2. What are your aspiration 3. Why you want to be part of Bank Of America 4. Why you came to coding even though you have done engineering from unique branch 5. How you handle your hobbies 6. How will you define yourself

		<p>Introduce yourself</p> <p>Tell us about your project in brief What is REST API Methods in REST</p> <p>What was your contribution in project Difference between spring and spring boot Session management</p> <p>What is PAA Annotations What is JWT structure</p> <p>What is there in signature of jwt What if time out happen in jwt @Repository @Autowired</p> <p>What is Spring initializer</p> <p>Was your project maven based Spring security</p> <p>How to connect to database</p> <p>What is Normalisation how do you use it in your database What's maven</p> <p>What are Transitional entities How to configure properties what are constraints</p>	No HR related questions
CDAC Pune	Pune	<p>Introduction, what languages you know apart from JAVA, Questions on C from various topics like memory allocation, pointers, operators, memory structure. A brief about your B.Tech Project and then question on J2EE Web application flow, Questions on REST, Spring</p>	Would you like to work on Python if provided?
Cybage Software	Pune	3 programs were given, 1.factorial using Recursion, 2. Max number using recursion, 3.. Finding sum of N numbers, Database: Normalization	Tell me something about yourself, graduation details, PG details, What do you know about cybage companies.
Amdocs		<p>Round 1:</p> <ol style="list-style-type: none"> 1. Create a program to find highest and second highest element in an array in minimum time complexity 2. Hashcode and equals method and their contract 3. Realtime example in day to day life for mutex and semaphore 4. Create a linked list using generics and without generics - insert and print elements in java 5. Print alternate elements of this created linked list like earlier if linked list is 1->2->3->4 it should be changed to 2->1->4->3 6. Change the respective pointers of above linked list as well. 7. How to create queue using stacks 8. What are different collections in Java 9. Difference between ArrayList, Vector and LinkedList 10. What is hash collision and how can we prevent it 11. Different access specifier in Java with example 12. What are servlets and why are they used? <p>Round 2:</p> <ol style="list-style-type: none"> 1. Deadlock program in Java using threads 2. Multithreading and synchronization 3. Synchronized block in Java 4. Overloading and overriding using program 5. Internals of overloading and overriding 6. Design patterns - singleton class program 7. Http methods 8. Can post be used to update 9. Get vs post with example 10. Project related questions 11. Create a program to find number of spaces inside a file in Java. Separate count for each line. 12. Internals of hashmap 13. Why would you do rehashing in HashMap 14. What is REST API 15. How to make a method synchronized 16. Effect of synchronization on static and non-static methods 	 <p>Round 3: Tech + HR</p> <ol style="list-style-type: none"> 1. You are given two linked list 5->6->7 and 7->8->9. You have to make sum of nodes of both linked list and store values in a new Linked List. You have to take care of the carry as well. The result should be 1->3->5->6. Do this using recursion only. Write pseudo code for this. 2. Project Details and project specific questions. 3. How would you rate yourself in Data Structure and Java. 4. Which one would you prefer backend or frontend and why 5. Are you willing to relocate to Pune

Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
Cybage Software Pvt. Ltd	Pune	<p>Tell me about yourself What was your project. Asked me about some functionality and how you performed it. C++ and OOPs concept: What is polymorphism, What is static and dynamic binding, what is static and dynamic memory allocation, difference between malloc and calloc, what are dangling and null pointers, what is constructor, can we perform some calculation in constructor and get the value, how are objects created(syntax), how are methods of a class called, what are static methods and how we call them in different class, how do we use method of class A in class B without inheriting class A, what is inheritance and its types, what are Access Specifier and explain each, what is destructor and can we call them explicitly, why is destructor used, what is recursion, what are unions, difference between union and structure, write a program to find whether number is prime, what is error handling, why and how we use it. D.S. : what is linear search, what is divide and conquer algorithm, what is binary search tree,</p>	<p>Tell me about yourself, how was your day, tell me about your family, what do you like about your native place, how was the lockdown situation in your native place, what do you know about cybage, As I had mentioned my hobby as painting, she asked me to show some of my paintings to her.</p>
Cybage	Pune	<p>Java - inheritance, oops, can constructor be private, what is difference between int arr(5) and int arr[5], SQL - what are triggers, what are procedure, write a join query</p>	
ElasticRun	Pune	<p>Memory structure of JVM, Explain how does garbage collection works? Does it run on a low priority thread or a high priority thread? What features about spring did you not like? Which data structures have you used in Java? Given an arraylist of employees (name, id, salary) how will we sort them on the basis of salary? If arraylist is the data stored in the order it is inserted? When should you use interface and when should you use abstract class? What is something you feel is better in Java or C++ with respect to each other? How do you call procedures in JDBC?</p> <p>Difference between mutex and semaphores? Difference between processes and threads?</p> <p>What is indexing? Which will be faster in a query using In operator or exists operator, given</p>	



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Company*	Location*	Questions asked during placements	
		TECH Round	HR Round
IKS Health	Mumbai	1.introduction 2.Project Explanation(all project mentioned in CV) 3.OOPs basics; pillars of OOP's and explain all of them 4.difference b/w overriding and overloading 5.NET architecture and components of .NET 6.how .NET Application compiles and builds 7.C# basics; types of C# I/O's ; delegates etc 8.what is the meaning of '\$' in J Query 9.what is AJAX 10.can you use AJAX with J Query and how? 11.how AS P.NET handles Request Obj 12.viewdata vs ViewBag 13.action methods in asp 14.types if view(partial and Razor) explain both ; diff b/w them 15.promises in JS 16.why you will use promises; any alternative? 17.async await 18.how many DML commands are there 19.joins ; type ; why? 20.SQL query	1.intro 2.project in great details 3.where are you from? academics etc 4.previous projects; also in details with lots of corner questions 5.SQL query again! 6.how do you rank yourself in databases 7.given 3 choices what would you choose i.beg ii.borrow iii.steal 8.why do you want to work for us
Transunion	Pune/Chennai	questions on project, basics of Java, cpp, oops. deadlocks in dbms and how to resolve it, basic questions on mysql and mongodb, angular components	
IKS Health	Mumbai	Project Details, OOPs concepts, Project contribution, Static keyword, Nested Class, Basics of Database	Introduction, About previous job, challenges faced during project, extra-curricular activities.
Cybage	Pune	Introduction, Project, OOPs concepts, abstract class, class and object, Explain DevOps	Introduction, location, Experience of pandemic, family
Accops	Pune	Explain a bit about your project, what is authorization and authentication, ways to prevent malicious access to your site. What is a Java web token. Then mostly networking related questions. What is difference between TCP and UDP, HTTP vs HTTPS, IPv4 vs IPv6, semaphores, thread vs process, logic puzzles, application stack and queue, explain JVM (String[] args) word	No HR round.
IKS Health	Mumbai	Project Details, Properties in C#, Difference between Read Only and Constant in C#, Difference var keyword and Dynamic keyword in javascript, Why we should use J Query over JavaScript, Basic OOP concepts like encapsulation with example, what is Polymorphism explain with example, types of Access Specifiers and difference between them, can we make class protected, Difference between Abstract class and Interface, What is static value, can we declare static variable inside function, can we change the value of	Introduction, Educational Details, Why have secured less marks in 12th, Family Background, Are you ready to Give up on Java, What are your interest, what are your technical strengths, Extra Curricular activities, Ready to Relocate.
Cybage	Pune		
IKS Health	Mumbai	Introduction, Project, Explain in detail OOPS concepts, Access modifiers in Java, C++ and C#, types of polymorphism, Difference between Structure and a Class, What is dependency injection, explain in detail , What is the need of Dependency injection, Can a constructor be made private ? C# Properties, Types of Constructors, Explain MVC pattern with example, Routing, Exception handling, Questions regarding syntax and flow control of Trycatch and finally blocks Difference between Dispose() and Finalize(), What is servlet, Explain the life cycle JSF life cycle, SQL basics, DDL, DCL, DML commands, What are Indexes ? Mention different	Introduction, family, hobbies, What are some good coding practices, Questions regarding year gap, do you know about IKS health? Willingness to relocate, The interviewer explained about the projects the company is involved in and asked me if i had any questions.
CDAC Pune	Pune	Intro, Project contribution, Security differences (Angular JS vs Angular, StringBuffer vs StringBuilder, static and dynamic), APIs, Annotations, Components Related Questions, Database Connectivity, JDBC Life Cycle	Why CDAC, location, Environment, shadowing, project Deadline, Security, project contribution, Difference between (final, finally, finalise)
CDAC Pune	Pune		
Cybage	Pune		Tell me about yourself, Family Background, Which questions are came in aptitude, project, Essay, Are you comfortable in any location
Cybage	Pune		
Bank of America		Introduction, Explain OOPS concepts with real time example, Explain Bubble sort and quick sort algorithm and time complexities, Exception Handling in java, Difference between arraylist and list, what is singleton class and how to create singleton class, what is immutable class, questions on threading,	
Cybage	Pune		

Cybage	Pune	Introduction,oops,difference between early binding and late binding in java ,what is S DLC Explain its phases,different types of S DLC, What is agile,why industry uses the agile, when we start testing phase of software ,describe testing phases ,difference between delete and truncate,garbage collector,normalization	Tell me about your project ,what are your area of improvements ,tell me about your family background,are you comfortable in any location,if we will provide you automation testing role ,will you comfortable in this .
Cybage	Pune	Introduction, Project, What is Controller ?, What is Microservice ? Technical strenghts , Types of Inheritance, OOPS concepts	Introduction, Project, where do you live ?, Do you have any friends in Cybage ?, hobbies ?, how you spent your lockdown?
CDAC Mumbai	Mumbai	Introduction,project,data structures,annotations,delete drop truncate,which data structure is used to count frequency of words and character of a file,SQL queries,hash	
Cybage	Pune		
Cybage	Pune		Introduce yourself, Strengths, Hobbies, Family background, Comments on Cybage presentation, How Covid/ Lockdown affected your life? Why u left previous job? What was work nature in previous job? Why
Cybage	Pune	Introduction,Explain Project in brief, Language you are good at,Questions on C++,OOPS Concept,write Sorting code,Dictate few lines of code and ask to explain and tell the output, Question on Template, Difference between C++ & JAVA's inheritance, Why Java is platform	Introduction, About Work Experience, Why Cybage, What is Cybage
Cybage	Pune	Introduction ,Questions on project and what will you do in different situations ,some basic concepts of oops and where to use it. He gave me situation and what will happen if I use public ,protected or private. Difference between null, void and dangling pointers and where to use what. Some basic questions of PHP ,how to connect database and is there any other way to do the same . Situation on database and which query to use. Write procedure for the	Tell me about yourself, Family background, hobbies, How covid affected you? Why you decided to change your branch. What do you know about cybage. Why you chose CDAC. Location and job preference.
Pratham Software	Jaipur	OOPS Concept,Mysql question,Traffic signal program	Tell me about yourself.
Cybage	pune	explain project	Tell me about yourself, Family background, hobbies, How covid affected
Cybage	Unknown		
Coupa Software	Unknown	Project description, 4 coding questions,Java collection,S DLC,OOPS,Polymorphism vs abstract class, Features in flipkart and amazon and some question related to how you will apply that feature, Data Structures graphs,dfs and bfs and their big O,QuickSort Big O notation. C++ input validation	
Cybage	Pune	No Tech round	Asked about family members, As my stream is Electrical why you are
CDAC, Pune	Pune	Introduction, Project Description, Questions related to project, Why is spring immutable, Dependency	
cybage			
Cybage		Docker,kubernetes,AWS ,spring boot,EC2 instance,S3 and difference between SQL and	Intro.tell me about yourself, group discussion and location
AFour Technologies	Pune		
cybage	Pune	introduction, about project, challenges faced during project, what is your role, i tell everything about my project and started explaining but he stopped me and say its ok. asked about certification done in engineering, interview took place around 45 min It was very	introduction, why want to switch career,location preference,tell something about cybage, this question were asked 3 time at diffent situation, at last she insist me to tell something catchy

Cybage	Pune	<p>Tell me something about yourself.</p> <p>So you have worked previously what was your role exactly. Why do you like JAVA?</p> <p>What is OOPS and explain its pillars. Explain S-DLC.</p> <p>Types of S-DLC.</p> <p>Difference between Agile and Waterfall model.</p> <p>Difference between DELETE, TRUNCATE, and DROP in SQL then applications of DELETE and TRUNCATE.</p> <p>What do you mean by data redundancy in database. What is denormalization in database.</p> <p>What is static and Dynamic binding. Example of interface.</p> <p>Global VS Local variable.</p> <p>What is final keyword?</p>	Which was your college. Where are you from? What your parents do and details about their profession.
Bank Of America			
CDAC, Pune	Pune	<p>Spring and annotations Rest controller vs controller use Can we overload main method (Program in java) How to get number of words in file Method to compare string</p> <p>Why static method</p> <p>Main component in angular SQL or mongoDB</p> <p>SOA</p>	Introduction, about adjusting with any team/people, willingness to relocate
Cybage		oppa concepts, testing, agile, sdlc model, what is trigger, function, procedure	introduction, hobbies, strength, relocation
Cybage	Pune	Nada	general HR stuff.
Cumulus Systems	Pune	<p>Tell me about yourself, multi reading related questions, core java questions, data structures questions</p>	No hr round
Cybage Pvt. Ltd	Pune	<p>1.General Questions: Tell Me about yourself What you did after graduation? What all technologies you learned in Cdac? Which technologies are you comfortable in? Which Platform are you comfortable in Windows or linux? 2.project: Tell me brief about your project How is it different from the projects available in the market? which collection/library you have used in your project? 3.Java: What is Polymorphism? Write polymorphism overriding code with test cases? What is String and String Buffer also difference between them? What is HashMap and explain briefly? How to handle exception in java Purpose of finally block? how to define constant in java? 4.DBT: what are different keys in database? 5.Angular:</p>	<p>1.Tell Me about yourself 2.Why you switched from Mechanical to CS / IT field? 3.Tell me briefly about your Education Qualification and also about your family background 4.GDRound : topic - Artificial Intelligence 5.Are you willing to relocate to other locations of Cybage?</p>
Cybage Pvt. Ltd	Pune	<p>Introduce yourself, Tell me about your project, Explain your project, Why Spring Boot, Advantage of</p>	<p>Introduce yourself 2. Tell me about your family ,Why you switch from NonIT</p>
Cybage Software Pvt. Ltd	unknown	<p>1. Introduce yourself. 2. Tell me about your project. 3. What is controller? 4. Is multiple primary key in table? Why? 5. What is foreign key? 6. What is constraints? 7. Types of joins? 8. Your group member working on another part and you also working on diff part. If your grp member want your help to solve his/her problem then how would you solve this? 9. What is Unit testing? 10. Types of Testing? 11. You are in a team, all are discussing on some problem and you found better solution than your coordinator. Then how to you convenience your coordinator that your solution is best? 12. First check for finding error?</p>	<p>1. How was your technical round? 2. What are three things did you noticed on Cybage Presentation? 3. Tell me about your family and hobbies? 4. Are you ready to relocate Gandhinagar?</p>
CDAC Pune R&D	PUNE	<p>Introduce yourself Tell us about your project in brief? 1.What is spring? 2. What are the types of spring module, each in detail? 3. What are the different type of annotations that we used in backend? Each in detail? 4. Questions based on core java- What is difference between final and finally? Different types of exceptions? Can we overload main method in java? 5. Questions based on database- DDL DML commands? Commit and Rollback? Normalisation used in your project? 6. Difference between monolithic and MICROSERVICES ? 7. Difference between angular and AngularJS ? 8. What is used for developing Mobile applications? Angular or AngularJS ? 9. What is spring MVC? 10. Difference b/w REST AND SOAP</p>	NO HR ROUND

CDAC Pune

April 2022 Questions:
Questions tell me about yourself

Brief Project description
What technologies used in project.
Why use react
What is singlepage application
What is component?
What technology used in backend
How many tables in database in project..
Stored procedures
What is inner join outer join types of joins
How @query annotation is used how to write
Diffrent types of annotations
What is jwt didi you used in your project
How you ensure you are connect with your frontend and not anyone else
What is cursor
Synatax of cursor

Tell me about your self
Project n ur role in it.
React hooks
Can we customize hooks? Yes but not in our syllabus@@
Virtual DOM
Life cycle methods in react
Jsx n how r they diff
Components of spring boot
Components of spring security
Jwt
What is tokenization
How to validate jwt
N some more but don't remember

Tell me about yourself

- 1)which database you have used + database version(mysql)
- 2)which spring version and dependency used
- 3)can you write code in spring to print todays date
- 4)write a code to sum collections in notepad
- 5)what is view in database
- 6) what is indexing

7) what is limit can you give some example

CDAC PUNE 2022

Intro

Project

Put vs post

Introduce your self

Servlet lifecycle

IOC

Method Overloading vs method overriding

Thread states

One scenario based question

What is payload

Sleep vs wait

Different status codes with explanation

Web application vs Web APIs

Explanation collection framework

SET vs MAP

Have you written any web api

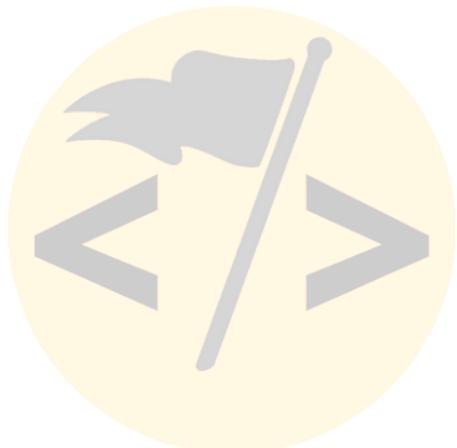
What is concurrent application

Explain what is a has a relationship

Explain JWT token

Explain URI

NOT asked any sql , ds questions



{CODERS}

C-DAC

Badrugar Bhushan

1) C-DAC Academic Project description

2) E-R- Diagrams

3) Class Diagrams

4) Logic for finding unit Matrix $\begin{bmatrix} 1 & 0 & 6 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$

5) Composite, foreign, Primary key

COAC

Pratik Patil
Dt :- 08-08-16

- ① Tell me about yourself?
- ② Explain the project?
- ③ Some condition is project, if that happens how to solve it?
- ④ Which Software Management (Project) tool you used in project
- ⑤ Explain how it helped.
- ⑥ What is SDLC? Which you implemented in your project
- ⑦ How your SDLC model was different from other models
- ⑧ What is UML? Explain which of them you have used.
- ⑨ What is your sole/part in project?
- ⑩ Explain hibernate in detail & its implementation in our project.
- ⑪ What difficulties you faced to manage a team or in project, and
cybage How you solved them.

C-DAC Paper

1) WRITE A PROGRAM TO COUNT CONSECUTIVE ONE'S IN A BINARY NUMBER

i/p : 10111011110110111101
o/p : 4
i/p : 01101
o/p : 2

2) WRITE A PROGRAM TO IMPLEMENT B-TREE

SUCH THAT ~~LEFT~~ CHILD IS SMALLER THAN ROOT & ~~RIGHT~~ RIGHT

CHILD IS ALWAYS GREATER THAN ROOT.

ALSO THE INPUT WILL BE IN INORDER & OUTPUT SHOULD BE
IN PREORDER.

- 1) Introduction .
- 2) Singleton class . Program
- 3) what subject you like
- 4) Difference between binary tree & Binary search tree .
- 5) What is 'heap' in datastructure .
- 6) what do you mean by relational database .
- 7) Constraints .
- 8) Cloud computing .
- 9) level of normalization used in your project , what is normalization .
- 10) Subjects in EXTC .
- 11) ORM .
- 12) Difference between instance variable, local variable, class variable & their scope .

C-DAC

Manoj Jadhav

- Q1> What is XML DTD? what's inside it -
- Q2> What is XSD?
- Q3> What is NoSQL
- Q4> What is Structured and nonstructured data give real life example
- Q5> What is pagetable in OS? why is it used
- Q6> Which open source databases have you used

C-DAC

Mitesh M. Gavand,

- Q1> Introduce yourself?
- Q2> What subject you are strong in?
- Q3> What is concurrency control? What are problems associated with it?
- Q4> Write program to read "names" from file in Java?
- Q5> What is "Big Data"?

.S}

- Q. Tell me something about yourself.
- Q. How many tables have you used in your project?
- Q. Explain your project.
- Q. Time complexity of quick sort, merge sort and heap sort.
- Q. Which is the best algorithm and why?
- Q. Explain quick sort with code.
- Q. Which algorithm is best suitable for almost sorted array.
- Q. What is greedy algorithm.
- Q. Minimum spanning tree algorithm.
- Q. What is graph? Explain its types.
- Q. Tree. AVL tree.
- Q. Difference between delete and truncate.
- Q. What is cursor? Can you write a prg using cursor {
- Q. Explain procedure. Write a prg for same.
- Q. Name the tables used in your project.
- Q. Normalization. Explain forms.
- Q. CODD's rules.

Priyanka Konde
cdac noida

- ① Explain project in brief
- ② Difference b/w reference & instance
- ③ Difference b/w POJO, JavaBeans & Java Bean
- ④ Difference b/w set & list
- ⑤ Difference b/w ArrayList & Vector

C-DAC

HR + Tech.

1) Tell me about yourself.

2) Why C-DAC?

3) Your favourite subject?

4) PLSQL Prog:-

You have student table, after deleting row from student table flash msg. as "Row is deleted".

5) Logical C prog:-

You have max 3 matrix & store numbers in increment order in this matrix?

6) What is polymorphism? Explain with programme?

7) Why we use interface?

- 1) find all possible substring from sentences / words. ?
 - 2) about emart project ?
②
 - 3) ~~string~~ spring mvc etc. ?
-

- ① find all possible substrings from string
- ② ~~find~~ Write a query to get a related product list.
- ③ ~~What~~ What is your project?
- ④ What was your role?
- ⑤ How did you convert your project in .net?
- ⑥ What is WCF?
- ⑦ What is Web application & Web service?
- ⑧ What is service in .net?
- ⑨ What is protocol in ~~java~~ .net?
- ⑩ Tell me about yourself?

1) Tell me about your project

Ajinkya Abhyankar

2) What is bytecode?

3) Difference between import & include

1] inner - outer join

CDAC - Gaurav Chawla

2] function (Predefined) in PHP

3] What's Normalization

4] What explode/Implode used in
Project

5] Your role in project?

6] What Normalization you used.

1] What is Asp.NET MVC

Pooshant Chauhan

2] Perform or solve Palindrome by using
Stack.

3] BE Project.

4] What are diff types of Web services.

5] Tell me about yourself.

Poochigumma Sangameswar

6] Tell me about academic project.

7] DAC Project.

8] Derive complexities (Time & space)

9] What was your Role in your project.

}

1] Tell me about yourself

cdac
Akash Morkede ~

2] About our Contributor

3] Query to get Product list & details along with user info into Cart Cart table from Product & Register table

4) Applet ?

5) Restful ?

6) Lifecycle of Applet

INTERVIEW PROBLEMS

1) Tell me about yourself

2) Did u read magazine & if yes then which
if No then

How will u update yourself

3) Name any new technologies you aware of (latest)

4) About both project 1) vehicle configuration
2) e-mail

5) Your role in project?

6) Write a query for Inner Join

7) Time complexity of program.

}

G-DAC [Feb 2013]
Expo for Employeess

- Vishal R. Maral — exp 2012 (iii)
- 1) Where are you from? (ppm 11th standard)
2) You passed out in 2011. So what you did
for one year? (11th std 2010-11)
- 3) What was your project in EDAE?
- 4) What features it offers?
- 5) What do you mean by 'site is completely
database driven'?
- 6) How your website is different from currently
available websites?
- 7) Do you have any constraints?
- 8) How many packages are there in your project?
- 9) How many classes are there? Have you
designed any? Explain functionality.
- 10) I have a dropdownlist on webpage. On selecting
particular item only selected item should get
submitted. I don't want entire page to submit.
Which technology you suggest? (AJAX)

- ii) what is [sic] fullform of AJAX?
- 12) Since you are from Electronics & Telecomm.
Is there any law which says 'Every 18 months
transistors will occupy half the space they
earlier did'! → (Moore's law)
- 13) what are the new technology you are
aware of?
- 14) what is Nanotechnology?

CDAC Interview

- 1) Tell me about your project.
- 2) Can we use many servlets in one struts ?
- 3) Which technology you have used in your project ?
- 4) Scenario based questions on project -
If I want to book hotel room in kolhapur and after
that in belgam so what is facility provided in your project.
- 5) How to connect database through JPA ?
- 6) How was your experience while doing project ?
- 7) What you did when hurdles came ?
- 8) How did you manage your team ?

1. Tell me your CDAC project
 2. Which Technologies you are used?
 3. What is constant pool?
 4. String s1 = "Pratik"
 String s2 = new String("Pratik")
 How many objects are created?
 5. Can we overload main method?
 6. What is diff b/w JDK & JRE?
 7. JDK & JRE are platform dependant or Independent?
 8. System.out.println(100+100+"Hello");
 System.out.println("Hii"+100+100);
 What is output of above two statements?
 9. Swap two no without using 3rd variable.
 10. Reverse string & Remove vowels from it.
 11. Palindrome.
 12. Diff b/w drop & truncate.
 13. What is primary, unique & foreign key & their diff - b/w primary & unique.
 14. Experience in manufacturing company?
 15. From which college you completed your graduation & CDAC.

Cdac mumbai 12-may 2022 

cdac mumbai -

diff between abstract class and Interface.

Can we declare final methods or keywords in abstract class.

is there constructor in abstract class.

diff between sql and no sql

Normalization

explain 2NF

Joins

Diff betn Inner and left join

Types of SQL

tell me about urself

What will b the query if you want top 4-5 from the list

same for bottom

left join right join

what will happen if left table doesn't have any matching records for right table

Coupa

Coupa (Mumbai) : 25 April 2022

Tushar Jangle

Coupa

First round

-- tell me something not in resume

Oops principal

Difference between encapsulation and data abstractions

Data structure

What is linked list

Difference between singly and doubly

Linear and non linear data structure

When to use different DS have scenarios

Program of string anagram

Write algorithm first then program

Second Round

Design a database schema of car company

- ex type dealer shop

Different types of tyres

Different company type

Different type tyre

Create a relation between them

Git commands

- how you implemented git in your project

Linux commands

Difference between abstraction and interface

When you use each of them abstraction interface

Difficulty you faced in project

What is test cases and can you create one

.....

1st round

1.Tell me about yourself?

- 2.Graph implementations? Goes deeper as ans given 😊
 - 3.DFS ? Implementation
 - 4.BFS? Implementation
 - 5.Stack , queue examples?...
 - 6.Array problem? Divisible by no
 - 7.Difference between stack and queue with examples?
-

Coupa interview questions will be random;

First self intro

Then ur preferred language.

Tell about pillars of oops java

polymorphism

Abstraction

Inheritance

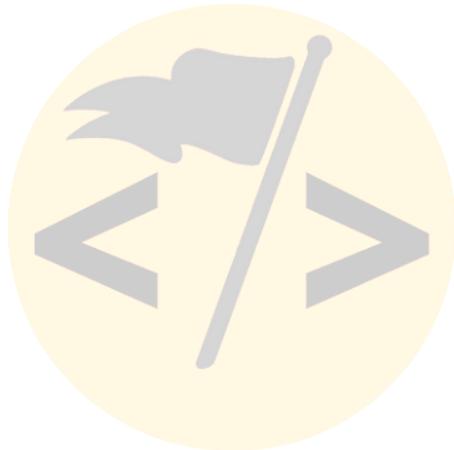
Encapsulation

Give examples

Tell me output of particular code

Tell about sql languages

Difference between the types of sql languages



[Coupa \(Banglore\): 25 April 2022](#)

Coupa:

- 1) Why you selected this topic
 - 2) Have done research after selecting this topic
 - 3) (BE) what are you doing in the project (6-7) question on that
 - 4) Why used Microservices over traditional approach aside from fast and easy
 - 5) write a sql query using aggregate functions (situation given)
 - 6) how will you authenticate user from html and redirect to new page where you show username
 - 7) OOPS concepts
 - 8) class hierarchy
 - 9) get, post, put in html
 - 10) what is bubble sort, why it is called bubble sort
 - 11) what is quick sort
 - 12) 5-6 more questions about project
 - 13) what is MVC
- aur don tin the yaad nahi
- 14) any questions.
-

[Coupa \(Banglore \) 25 April 2022](#)

1. Do you want to mention anything that you forgot to write on resume or want to tell extra not written on resume
2. Introduce yourself
3. what is web programming technology or web development
4. What is oops ?
5. What is abstraction
6. What is encapsulation
7. What is use of inheritance need of inheritance
- 8 . Overloading and overriding
9. What is polymorphism?
10. What is acces specifier need
11. Why freind function as there is inheritance
12. What is need or purpose of constructor
- 13 . What is dynamic and static
- 14 . What is need of database
- 15 . What is rdbms
- 16 . Sql query on one to many relationship
- 17 . Program for occurence of elements atleast three times in arrays
- 18.what is primary key and foreign key
19. Any. Questions for me ?

Coupa - Saurabh

tell me about the project
difficulty faced

4 5 questions on project?

suppose the video is not playing on youtube what can be the issues

problems you can face while building face detection?

if you search on google and google shows you the sites result how you think google is organizing the data ?

how comfortable are you with databases?

have you used indexes ?

how your computer is using stack and queue (application of stack and queue)

Coupa- Pranav Patil

Intro

Project

Mongo related

Oops concept with real time example

Ds definition
Linkedlist
Array vs linkedlist
Sorting Techniques
Quick sort
Time complexity of quick sort,bubble
Max heap min heap
Graph
Binary search
Linear search
Tc of binary search tree
Recursion
Stack Operations

Coupa Pune sagar date
first round

Introduction
Method overloading
Operator overloading
Overriding (Compiled time, runtime)- a lot discussion here
Exceptions(types of exceptions, compiled time and runtime)
Arrays
WAP of number of occurrences of an element in array
WAP Sorting
WAP of second largest element in an array
Write SQL query joins, number of depts, ascending order

Coupa - Rohan

Tell me about yourself

2 coding questions
1. sort a array randomly
2. Find pairs in arrays that sum to certain target
Both questions they asked for the most efficient method

For already sorted array which gives best and worst case time complexity
Why quicksort gives worst

Questions about OOPs and major pillars in depth

Singleton and private ctor
Why use singleton when we can have static fields.

Briefly explain your project.

Coupa-Sitaram

- 1.Tell me about yourself in brief
2. oop concepts
3. Polymorphism real life examples
4. Write a code for inheritance
5. Write a code polymorphism
6. SQL query
7. why we perform normalisation
8. qsns on joins
9. type casting
10. Stack and queue difference
11. Real life examples of stack and queue
12. operations performed in stack
13. sql alias
14. foreign ,composite and primary key
15. why mechanical to IT
16. any qsns?

Coupa...

- 1st round
Staircase problem
Implement queue using 2stack
Parking system implementation using queue
SQL query for finding 2nd max sal

Round 2

- Oops concept
SQL query for finding 3rd rank score return all the results
Exception handling
Prime number
Fib series program
SQL query on join
Abstraction vs inheritance
Diff bet inheritance nd polymorphism

Round 3

Deadlock

How to handle deadlock

Problem :

100 mails..5 min time..return only 3highest priority mail ...

Coupa Interview

----- ROUND 1 -----

tell me about the project

difficulty faced

4,5 questions on the project.

suppose the video is not playing on youtube what can be the issues and how will you find out.

problems you can face while building face detection. (like low light, different expressions)

you search for something on google and google shows you the sites, how you think google is organizing the data.

suppose you are building an payment app, skip the QR code scanning part and assume that the sender has scanned the QR and

he is now paying someone so what kind of validation you will apply.

how comfortable are you with databases?

have you used indexes?

application of stack and queue (tell the application which your computer is using)

any queries?

----- ROUND 2 -----

Any queries?

(My engineering project was on python and image processing)

asked some questions about the engineering project.

what do you like to work on like in frontend or do you like to do the backend?

how comfortable are you with CSS

Can you tell me how to pass the State in React?

how to pass data from parent to child using props?

Suppose we got a site like Amazon and in that, you are selecting some products and while you clicking on the product(add to cart) you can see that value at the cart at the top is getting modified

how will you do it? (i said using redux)

in the above case can you pass the data by state or props?

Write SQL Query to print the data in ascending order

print the longest consecutive ascending subsequence in an array explain the logic

how did you guys do the project do you use Source control?

any Queries?

----- Round 3 -----

tell me about the OOPS concept?

2 3 Question on my engineering project

What is Hashtable what is Hashmap?

problem with Linear probing?

which sorting algorithm you will use to sort an array?

What's the time complexity of quicksort?

the worst-case complexity of quicksort is $O(n^2)$ can you mitigate that?

do u know how the avg complexity is $O(n \log(n))$ how do we get that?

can you sort the array with 100 unsigned 16-bit numbers with less than $O(n \log(n))$ complexity?

Deutsche 2022

First Round

Asked about project a lot

you know we are looking for cpp ? i said yes how much you will rate in cpp and java

asked what is jpa
why you used
have you used joins
Project queries asked

what will happen if you get sql exception
3ltr and 5 ltr jar question puzzle

reverse string

vovels in a string find

swap

Deutsche First Round

1. Introduce yourself.
2. Explain your project.
3. Write a program to retreive records by id from database of employees.
4. Write a program to print all prime number upto n.
5. Write a query to delete all duplicate records from database.
6. Explain all oops concept.
7. What is interface and how did you use interfaces in your projects.
8. What is JPA.
9. Suppose we have to show price of Infosys stock in an html page which is changing every second. How will you do that.
10. Run your project.
11. Explain class and ER diagram of your project.

Deutsche 27-04-2022

Round 1 (Techinal) 45 min

Intro

Project explanation

Project role

wap to anagram string

wap to palindrome string

Round 2 (Techincal) 1 Hr 4 min

core java basics from class to end all

project role then explain each work you done there

database - create same table form your project (any one table in notepad)

wap to matrix multiplication

*Tip :- all program have to done in notepad , database query also has to write in notepad.

HR round

normal question

like daily task discussion

clg journey

cdac journey

issues faced in online batch

CRISIL

- 
- 1) Normalisation & Types
 - 2) What is 2NF ?
 - 3) What is join & Types
 - 4) Write query Inner Join
 - 5) Union & Union all , write query
 - 6) Composite key
 - 7) Foreign key
 - 8) Diff betw function & stored procedures.
 - 9) Trigger
 - 10) Pillars of OOP
 - 11) Methods overriding Vs method overloading
 - 12) Operator Overloading
 - 13) Access Modifiers in C#, there diff.
 - 14) Interface , Can we implement ~~in~~ 2 Interfaces.
 - 15) Static class
 - 16) Can we instantiate Abstract class . how to access members of abstract class.
 - 17) Can we have Private constructor?

Round1

Oops principal explain with real life example

Abstract class vs interface

Collections

How will you sort a array list of employee objects Scenario based questions

Database queries to join table and sort them Annotations @id @repository @service

Round2

Make object of string class

Explain string pool

What is immutable class

Create hash map and iterate it

Write a bubble sort program

Hashmap working

Make arraylist and iterate it without using loop

Round3

Explain polymorphism and abstraction with real life example

Explain your project

How to capture values from textbox in react.js

Scenario based questions



AKASH ROY

CRISIL Ltd

30-04-2021

=====

L1---

explain project

what is static keyword

what is final

difference between comparable and comparator explain put operation in hashmap how will you iterate in hashmap

what is collection

types of exception

difference between list and set

how will you find top 5 salary of employees in mysql what is @Qualifier

what is string buffer and string builder

types of interface

name any marker interface

what is the parent class in java

name some methods of object class

L2---

explain project in detail

flow of your project from frontend to backend explain login scenario in your project

how u r checking that the value in login and password is matching and valid how you are managing session in your project

what are the annotations used in you project in every layer what is
@RestController, @RequestMapping

why service is used

what is dependency injection

what is IOC container

how to remove duplicates from an array

how will u make immutable class in java

write a code for to iterate on hashmap

they also asked that u know angular...i said yes..so they asked angular questions also what is angular

what are the types of directives

how to create components in angular

lifecycle of angular

ngIf and ngFor

L3-----

explain project

what is polymorphism and its types

give real time example for overloading and overriding scenario based question

if i want to add xyz component in my application, on clicking it will perform some action, so what will be your approach to create it, and what are the files and methods you will add to complete it where you see yourself after 5 years

Questions:

@service @restController @Component @ repository basically all configuration for hibernate
(scenario based on it) Spring MVC and boot diff and working

JPA

Hibernate

Session factory

Program to find duplicate element

rest calling URL, HOW IT WILL BE HANDLED

HTTP methods

@controller working-> mapping

oops concepts

arraylist and linkedlist

about project- BE,ME, CDAC (WORKING, FLOW)

Crisil Ltd

Tejas Patil

1st round -

Introduction

project

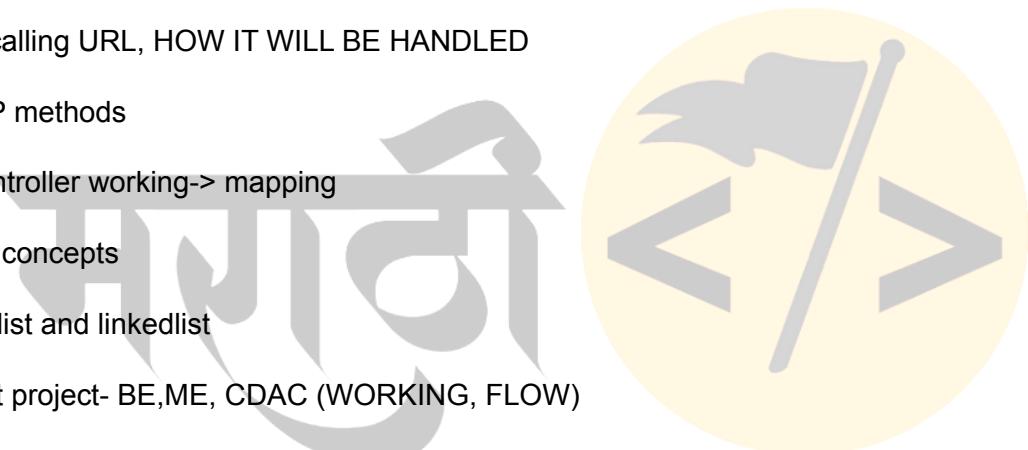
what is spring MVC & its flow

what is spring boot

diff between spring MVC and spring boot

what is bean

annotations



{CODERS}

what is dependency injection

write a controller in spring MVC for Employee java 8 features

write a lambda expression

functional interface

what is interface

static & non-static block

access modifiers & its scope

singleton design pattern

types of joins

inner join query

order by clause query

data structure

2nd round -

introduction

project

final keyword

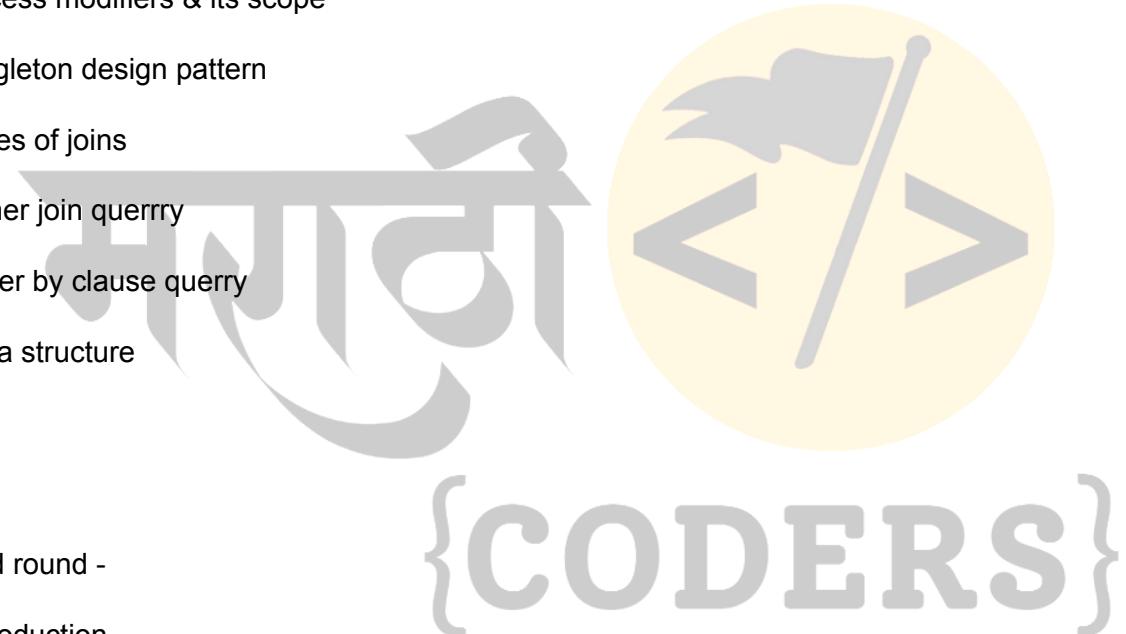
final classes in java

ways to create a string

string pool

why string is immutable

method overloading and overriding rules



abstract class

Exception handling in java

find top 3 numbers in an array

collection hierarchy

implementation of hashmap

hashmap vs hashtable

About Yourself

OOPS concepts? explain with examples

How to access protected members.

Java Method dispatching process.

Abstract class vs interface.

Collection .Hashmap/ treemap / set.

Scenario to find duplicate items in array.

put get methods working of hashmap.

Iterators.

Annotations.

BE Project and DAC project details.

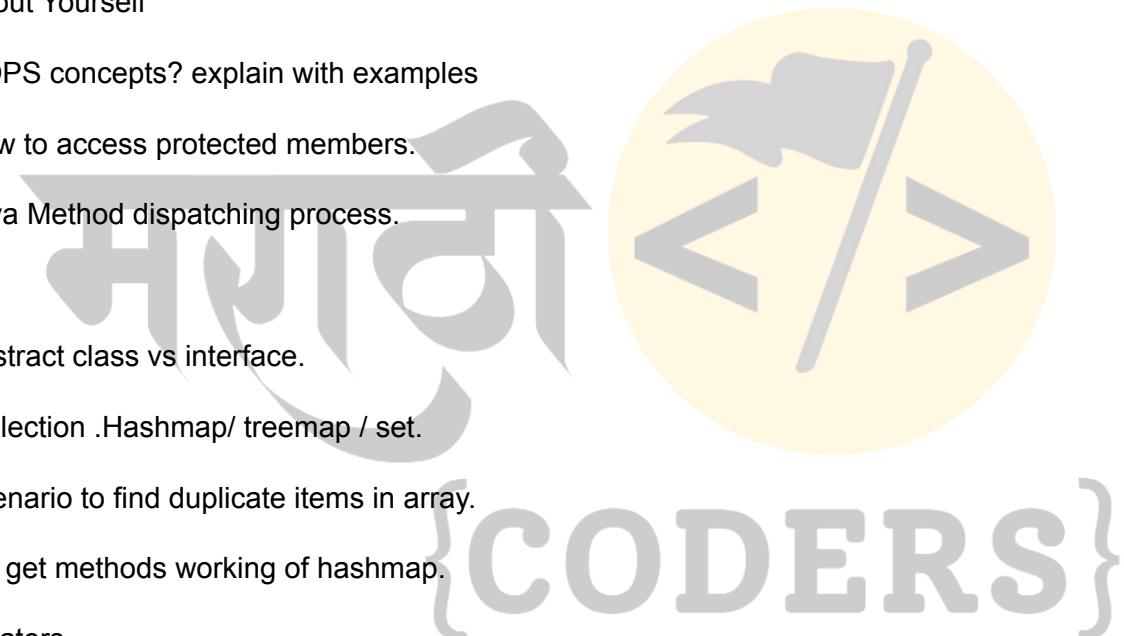
Spring boot explain.

Explain Deployment of web application OR Cloud

Explain Frontend technologies, scripting languages.

Primary/ Unique key.

MySQL Queries.



Quiz

- i) Project details. (How it actually work)?
(-full flow).
- ii) Difference between `request.getAttribute()` & `request.getParameter()`?
- iii) Collections?
- iv) Difference between `Session`, `Request`, `Application`?
- v) Exception hierarchy?
- vi) Difference between error & exception?
- vii) New features of Java 1.5
- viii) Difference between `String builder` & `String buffer`
- ix) How did you do validation in your project?
- x) How to access a textbox value in JavaScript?
- xii) Difference between Hashmap & Hash table?
- xiii) Steps for database connection?
- xiv) What are prepared statement?
- xv) Latest frameworks in Java?
- xvi) What something about Spring & Hibernate?
- xvii) Queries (using `Join` & `GroupBy`)
 - i) Department wise highest salary.
 - ii) Dname & Ename
- xviii) Synchronization?
- xix) Restrict the no. of characters enter in a textbox?
- *xx) How to get the 1st 100 character of textbox?
- xx) What is Constructors?
- xxi) Implicit objects in JSP?

- 1) What is constructor?
- 2) Life cycle of JSP & servier?
- 3) Can we use constructor instead of init method in JSP?
- 4) difference between code written in scriptlet & declaration tag?
- 5) JDBC connection
- 6) what is singleton class?
- 7) pooling connection pooling?
- 8) MVC flow?
- 9) How struts work?
- 10) WAP to check no. is prime or not?
- 11) Text box validation using Java script?
- 12) What is singleton class? use of it?
- 13) prime
*
* *
* * *
- 14) program to populate a value from database and display drop down.
- 15) How to get value from drop down list
- 16) Who implements ResultSet Interface
- 17) what is generic servier & it is interface & class?
- 18) what is DriverManager?
- 19) what is serviet?
- 20) parameter's of Service method is servier?
explain-2
- 21) FilterDispatcher in struts 2?
- 22)

Honeywell -Akash 2022

Introduction

Project introduction

Which features are different in your project than other existing

What you learn in sdm

Waterfall model

How to add element in Stack(code)

How to achieve polymorphism

How to achieve encapsulation

Access modifiers

Protected

1) introduce your project

2) challenges faced in project , can you name some of the exceptions you faced and how you handled it ?

3) what is ds ? What ds you have implemented in your project ? Why this particular ds ?

4) entire collection framework - eg)ArrayList vs HashMap : API, thread safety , List vs ArrayList , HashSet

5) why this particular technologies in your project

6) how you applied ds in your project example from your project

7) code - Roman to Integer - write in sts

8) approach of code - is it the best approach

9) static keyword in java - why main method is static

10) do you have static methods in your project ? Why/why not

11) what is layers architecture used in project ?

12) how a pojo/entity class looks - write in sts any pojo class from your project. ..

13) how Map internally stores key - value pair ?

JIBE SOFTWARE

1st Round Jibe Software
2nd Round = logical + Technical Aptitude

Ashish Pandey

- ① Tell me about your Project
- ② Write a Services
- ③ what is Data Contract.
- ④ Difference b/w Abstract class & interface.
- ⑤ 2 logical program
 - ① String is Palindrome or Not
 - ② Input: ASHISH
- Output: SA I H HS
- ⑥ SQL Constraints.
- ⑦ Index and code.
- ⑧

2nd Round:

- ① Tell me about your self
- ② one logical program
- ③ Given a program & explain output.
- ④ Class A
 - if
 - $\{$
 - $\}$

```
A::obj = new A();
obj.ToString();
```

~~what will be~~ where it will go & what will print.
- ⑤ Tell me about company.

S}

Name: Mahit A Valecha

CCPP ID: _____

Date: 24 Aug 20

JIBE

- 1) Why do we need to write services? Why can't we call the methods directly from component in Angular?
- 2) What is the difference between class and service in Angular?
- 3) Difference between get and post.
- 4) Some code snippet in Angular.
- 5) SQL query to update a table.
Eg: Table T1

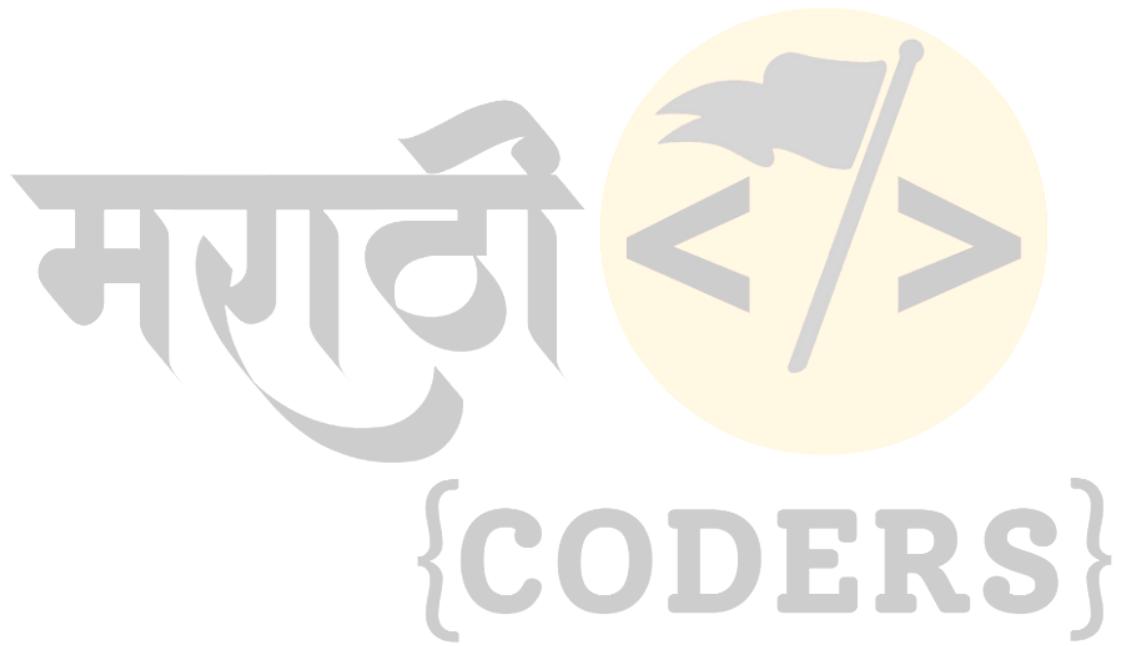
Gender	Update Male to Female	Female to Male.
M	& Female to Male.	
F		
M		
F		
- 6) Can we use post method in case of get method give an example.
- 7) What are static constructors? Why do we use it?
- 8) Difference between Abstraction & Abstract class & interface. When should we use interface & when for abstract class?
- 9) Can we have multiple Try Block & catch block?

Jibe

- Explain about get() & post methods?
- Explain bindings?
- How can two components communicate in Angular.
- How many types of constraints are there & explain in detail.
- Explain Abstraction with example.
- Explain third highest salary.
- How many parameters can be passed to a static constructor

Jibe 2022

Questions- project, c# basic, told to write database queries , basic of Mongodb, basic questions of java (oops, multithreading, etc), trigger , cursors, angular features of react , mysql ,index, view, procedure ,query on today's date , cross questions on join , difference array and arraylist. string and string buffer
most imp each ans relate to our project,
questions on event in react , write a event on notepad
early binding let binding



Junior Networks Bangalore

#Juniper Networks Banglore

TECHNICAL 1-

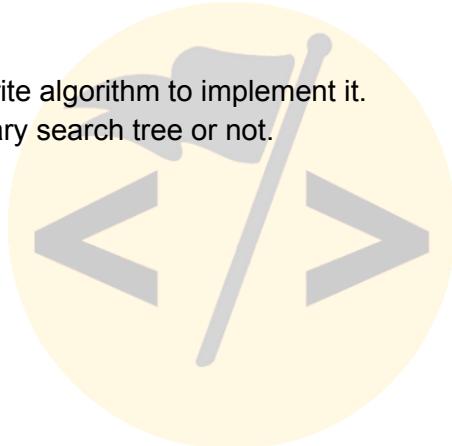
- 1)git commands,conflict in branch,jenkins,docker etc
- 2)2 sql query using join .
- 3)query to find 3rd highest salary.
- 4)what is typecasting.
- 5)scenerio based question on compiling the c program code like - if there is error in 2 line of c program code then compiler will tell about both the error or it will tell about the 1st error only.
- 6)swap two number without using 3rd variable.

TECHINAL 2-

- 1) time complexity to find middle of link list and write algorithm to implement it.
- 2) write an algorithm to check whether tree is binary search tree or not.
- 3) one coding question based on git

10 basic question on c++ like

- 1) difference between refrence and pointer
- 2)difference between linker and loader.
- 3) question on pointer.
- 4) storage classess in c++ etc..



TECHINAL 3-

- 1)time complexity to find median of two sorted array and write algorithm for it (ans-O(n))
- 2)time complexity to find intersection of two link list and write algorithm for it.
- 3)there are 1-100 stairs in a building. Count the no of ways to go from stair 1 to stair 100 .(dynamic programming will be used)
- 4)an array is given ex-0 1 0 1 2 3 1 0 2....time complexity to sort the array and write algorithm for it (ans-O(n))
- 5) implement stack data structure using two queues.
- 6)implement queue using two stacks.

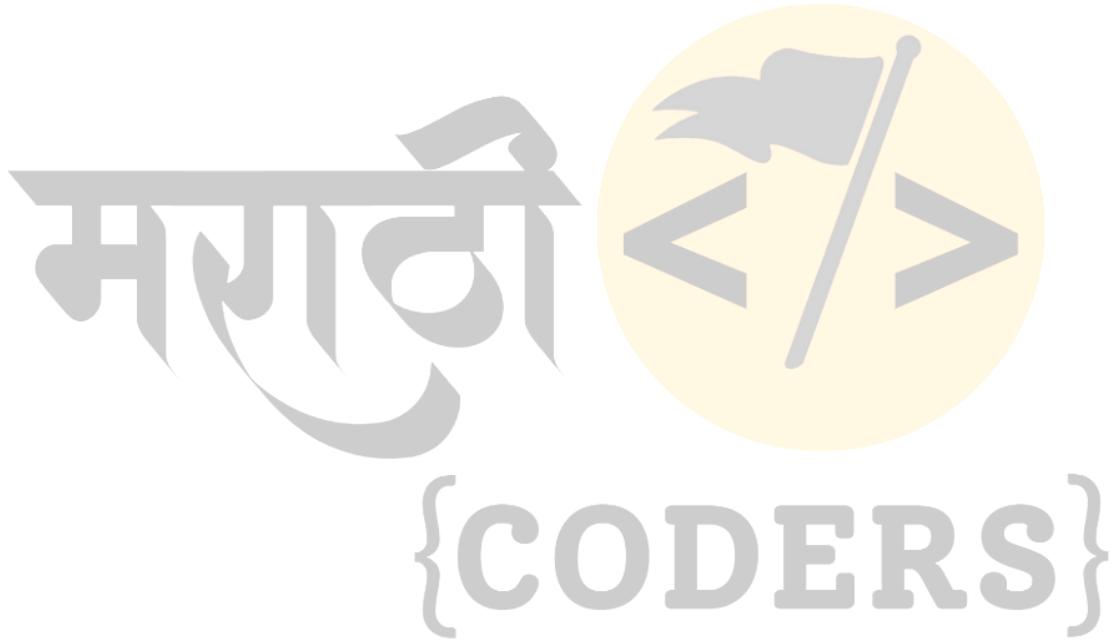
TECHNICAL 4-

- 1)algorithm to reverse array in most effecient ways
ex-THIS IS A BOY ,after reverse-BOY A IS THIS (ans-use Stack)
- 2)time complexity to find loop in a link list and write algorithm for it.
- 3)write singleton class in java and c++.
- 4)socket programming in c++.

5)questions on computer networking like osi layer, types of ip adresses, routers,switches, routing,fragmentation etc.

HR-

- 0) tell me about yourself.
- 1) what do you know about our company.
- 2) from when are you ready to join.
- 3) we work in c++ but we are observing that you have given more exposure to java. how will you manage.
- 4) any problem with the location
- 5) do you want to ask anything.



FinIQ -

Nachiket

1st round(40-45 min)

tell me about yourself

(my 90% technical round was on project only nothing else...no oops no sql only project)

explain project

what you did on project

(as I've deployed our project with appropriate domain name I asked if can I share my website link)

why particular project

which technology you used for project

(why particular technology? can be asked I was prepared for that also...but he didn't ask)

then gave me scenario as most farmers are from rural area how can they access your website if they want to

(my project was agricultural portal)

how you handled images in project

then he caught some bugs in my project and asked how could this be handled in future ?

as we deployed our project so next 5 10 minutes mostly on cloud services...like how are you handling multiple requests at a same time....why it's taking so much time to load images.....how you linked your domain name to system

2 3 scenario based questions for real life applications(to get to know about logical thinking)

basic core Java questions

swap without 3rd number(only logic)

basic sql query

Jim architecture and memory allocation

2nd round was of hr which went for 15 20 minutes only nothing new..

tell me about yourself

why from mech to it

hobbies

quiz was asked
why should we hire you

3rd round managerial round
nothing special ..just asked about project
basic hr was not more than 10 minutes

Fortinet

1st Interview

Tell me about yourself

Tell me about your project
What was your role
What framework is used
Is there jdbc used in your project

Then question about session storage
Project related question on session storage

Data flow in project
Where is configurations in java

What is use of hierarchy

What are getters and setters

Are you comfortable in sql query

Write a query to Find student name for particular branch from 2 tables students and branch

Algorithm question
For finding optimum solutions to find particular node and it's previous nodes from array of connections of unidirectional graph

If the data type are made public what will happen

2nd interview

Do you know constructor chaining?

Write it.

Can we write constructor private?

What is singleton?

If a class is extended in another class and we want only one instance of that class what can be done?

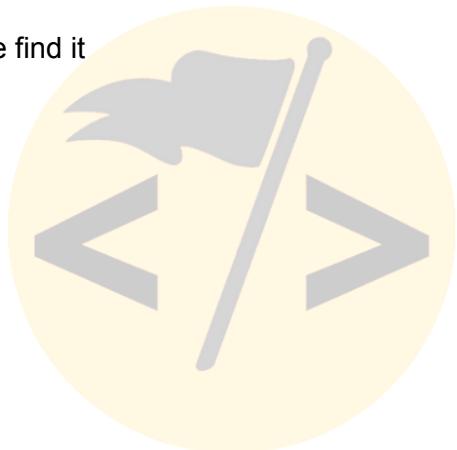
In a doubly linked list if there is a loop how can we find it

Write psuedo code for above

Write logic for bubble sort in list

What is '?' in list

Why we write static in public static void main



{CODERS}

Trace link 2022

--first round

1. asked introduction
2. explain your project. CDAC and also asked questions on BE project
3. which problems u have faced and how u have handled those.
4. collections based questions.eg.hashmap,hashtable etc
5. Basics of data structure .like types of DS,stack ,queue.
6. which type of DS u have used in your project.
7. asked to write code on notepad to check string palindrome or not
8. asked more questions on string and asked logic if they have given one string then how can we check that string will become palindrome or not and which DS will use to check(ispe bahut ghumaya)..in this question also asked many data structures.
9. asked query to write.
- 10.difference between Sql n NOSQL
- 11.advantages of Sql.

--second round

- 1.introduction
- 2.asked many questions on project . (Some are same as first round)..
- 3.and then asked hr questions like whats ur qualities
- 4.how will u work in the team
- 5.and many such questions

--3 round (HR)

- 1.Just asked project related basic stuff
- 2.asked whether u want to work online or offline
- 3.do u have any questions..
(I've asked one and them we discussed on that)

Bajaj Finserv

Intro

Polymorphism

Overriding and overloading difference

Reverse string code explain kar jar lihaycha nasel tar

Overriding cha code snippet Kay print karnar vicharla

Database kasa connect kela

Get put post Kay Kay asta

Request param mahitiye ka

Object class chi list sang

Collection chi list

Exception handling heirarchay

Which framework did you use?

Do you know sql

Primary key foreign

How we use group by?

Types of joins

What is cross join



Name : Pratik Patil

Bajaj Finserv cha interview : 20 min only

-Introduce yourself

-Then I was asked a specific question based on my intro that where exactly did I enjoy learning about the particular field.

In which technology will you be comfortable to work in future?

(There were network problems at their end so they asked me to turn my camera off. I wasn't able to even share my screen)

-Asked a little bit about project and then he was specifically interested in the MYSQL part. How did you write the queries for this database? I asked them whether I can share my screen to explain about project, they said yes but unfortunately couldn't share my screen.

-I was given 2 tables : 10 entries in the left one having 2 columns and 8 entries in the right one having 3 columns . I was asked to generate a 3rd table with 10 entries which should include all the columns and all 10 entries. After explaining the solution they asked, "On which two columns will you apply the join?".

-What do you know about Bajaj Finserv? Tell something about our products.

-Where are you currently staying?

-Question about family background.

Bajaj Questions

Database queries on joins and highest salary

ArrayList code

String pool

API conditions and codes on API

Inversion of control

Different type of scopes in java and how they behave differently

IPL algorithm

Another interview Bajaj Finserv

introduction

Class object

Polymorphism

types of polymorphism

overloading overriding

string reverse without using an string builder

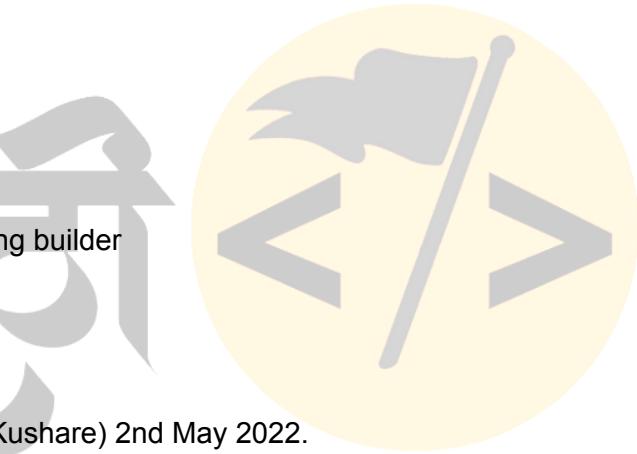
Joins its All types

Primary Key Foreign Key..

Bajaj Finserv Interview (Abhishek Kushare) 2nd May 2022.

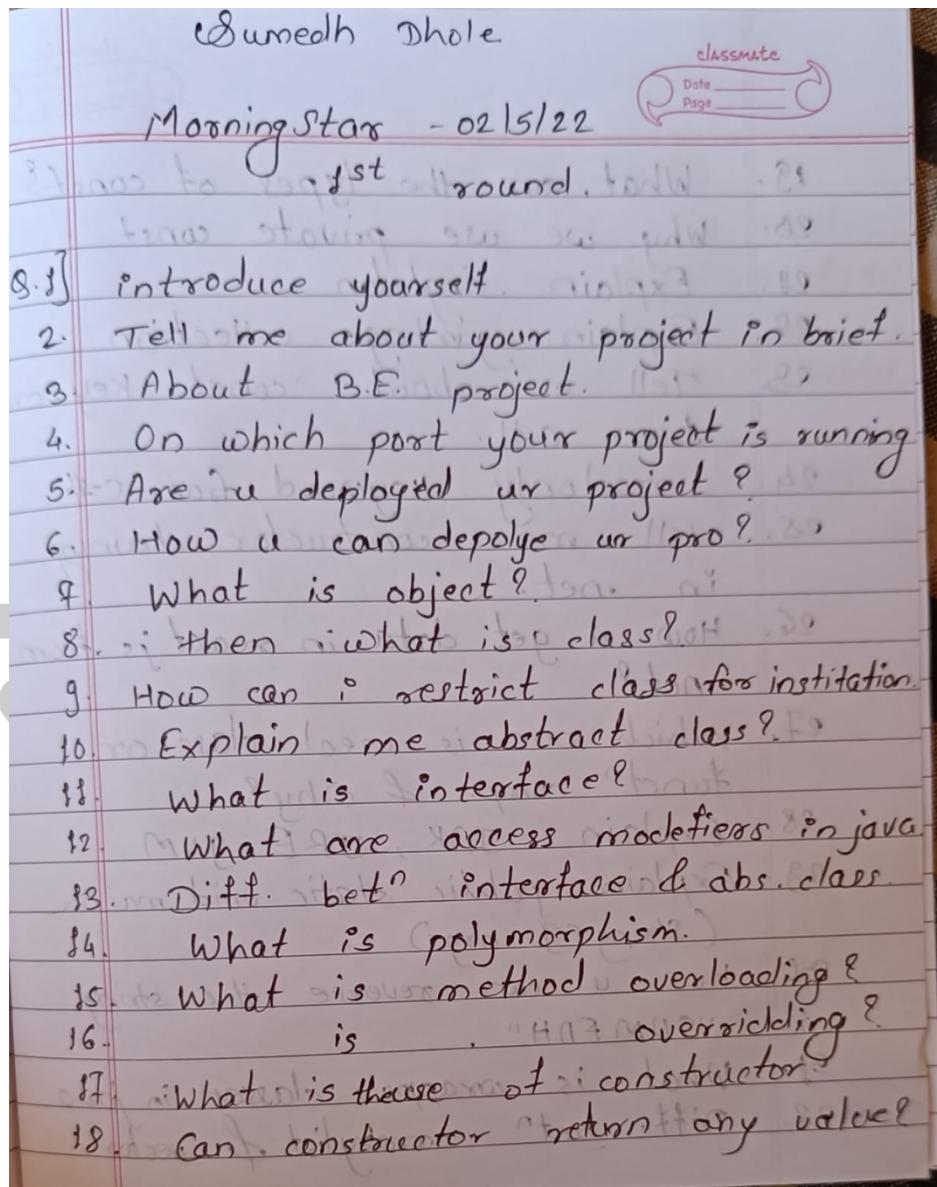
Technical Questions (Second Round)

1. Tell me about yourself.
2. Explain your project
3. Annotations in project
4. Diff of Array and List
5. Swap Numbers without third variable..
6. one puzzle
7. one sequence Aptitude related
8. Sorting program.
9. try catch finally related program
10. They want all basic programs related to Array and String manipulation.



{CODERS}

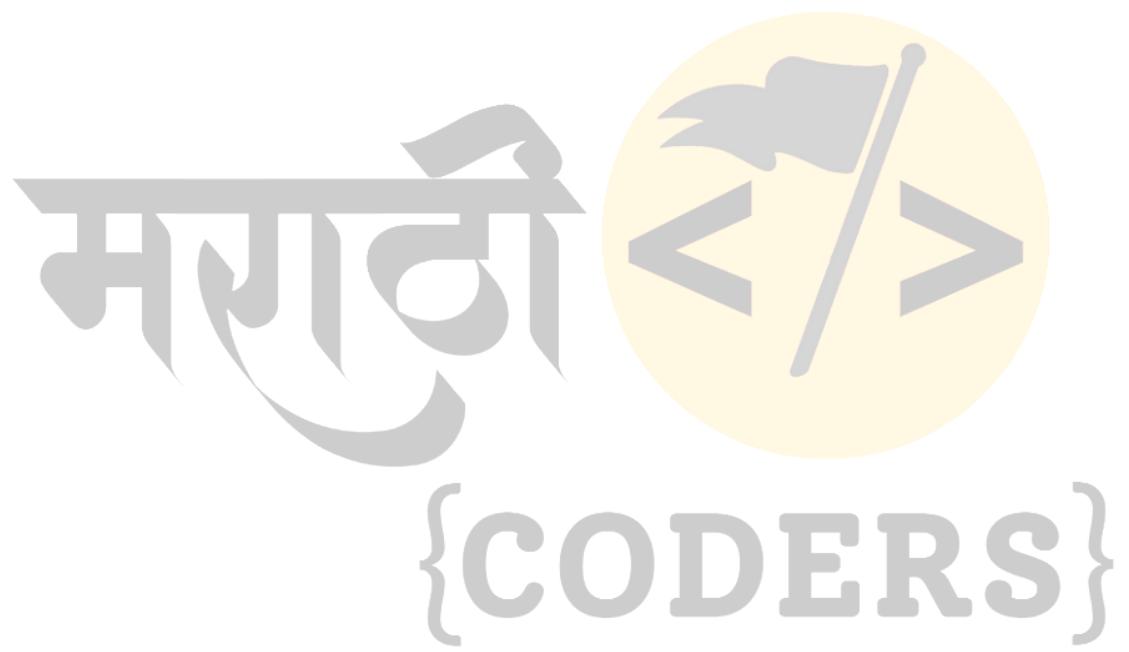
Morningstar



S}

19. What are the types of const?
20. Why we use private const.
21. Explain singleton.
22. Explain garbage collection.
23. Tell me about 'const' keyword from C++.
24. readonly keyword from C#.
25. tell me constructor chaining in .net.
26. How u get data in react js from .net?
27. Which one is used in class or function comp. & why?
28. Explain JDK, JRE, JVM.
29. Explain public static void main (String[] args).
30. How u can reverse the string "SUMEDH".
31. What is wrapper classes in java.
32. Diff. betn arraylist & vector

33. diff betw == & equals () .
34. tell me about super keyword.
35. Explain your table structure from database of your project.
36. How u define relation betw tables.
37. Explain primary key?
38. Why I used primary key only?
39. Expt what is identity.
- 40.
41. } 3 puzzles.
- 42.



Inno minds

Interview questions

Name: Saurabh Kale.

- 1.Tell me about yourself.
- 2.Why you are switching from NON-IT field to IT field.
- 3.What was your passing year and what was the reason for gap (3 years of gap)
- 4.Which technology you have learned in Cdac PG-DAC course.
- 5.Tell me about the Normalisation process in Database.(only one question on Database)

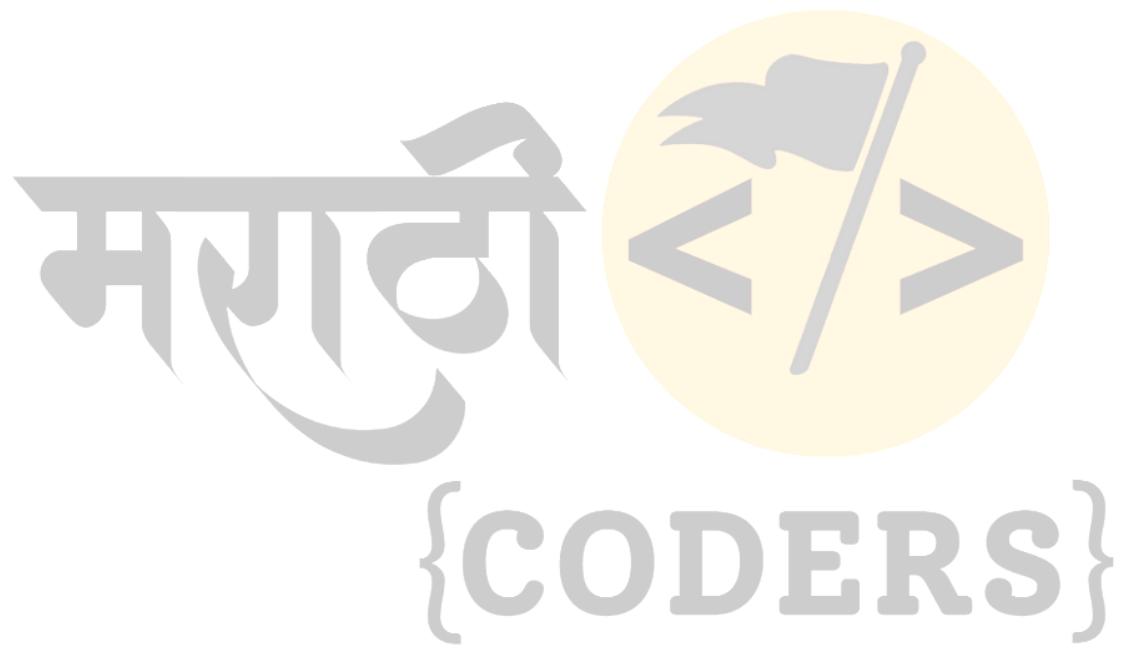
- 6.What is overloading and overriding.
- 7.Give me the example where it is used (in java)
(She was asking which methods where overloaded and overrideen in java)
- 6.Have you done any project and which technologies you have used in your project.
- 7.What is spring and spring boot and why you have used spring boot.
- 8.Then she told me to open my project and asked the flow from controller to java bean classes and explain how data is getting stored in your table.
9. What is this ResponseEntity.
- 10.(then she switched in core java)
What is collection and which collection you have used in your project and why these collections.
11. Then she gave me a
a code to print repeated character from a string and the count of those characters.
(I did it by using for loop within for loop)
12. Then she asked me how can you reduce the time complexity of this code.(I said by using Map)
- Q.13 what is map and what are different types of map.
- Q.14 While i was coding she asked me the question tell me the difference between int and Integer
- Q.15 why we require this and what are the default values of these.

Innominds

Highlights - Core Java

1. Introduction
- 2.ques about Collection
- 3.Types of Exceptions/ Exception Handling
4. Static Keyword
5. Final keyword
6. why java is called platform independent?
7. Find factorial

8. Method overloading/ method overriding
9. Remove dup in array
10. Find null values in 2d array



Mavenir

Interview questions

Tell me about yourself

Explain your project

Explain oops in your project

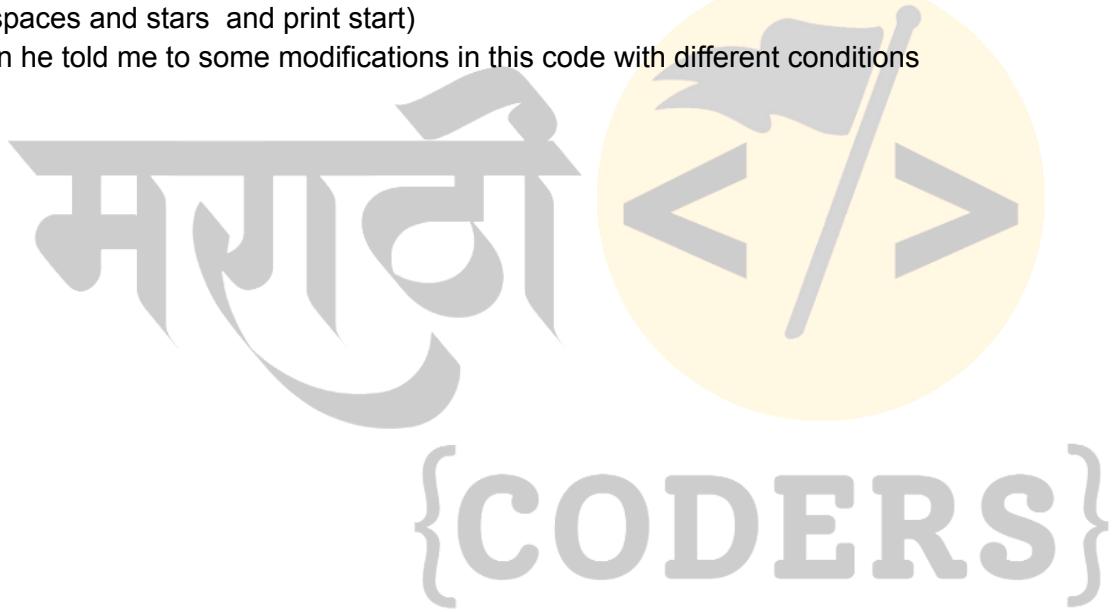
What is data structures explain

Hashmap working

Which data structures have you used in your project

Given a code to print dimond with stars (it was interactive questions you have create formula for spaces and stars and print start)

Then he told me to some modifications in this code with different conditions



App Direct .

Interview questions

Name : Aditya Peje

1. Tell me about project in brief

2. Starting with oops

A. Tell me pillars used in Java

B. Elaborate Abstraction with eg. No cat ,animal examples pls

C. Encapsulation in one word ...

Give me example of it

And other pillars with eg

Their implementation in my project

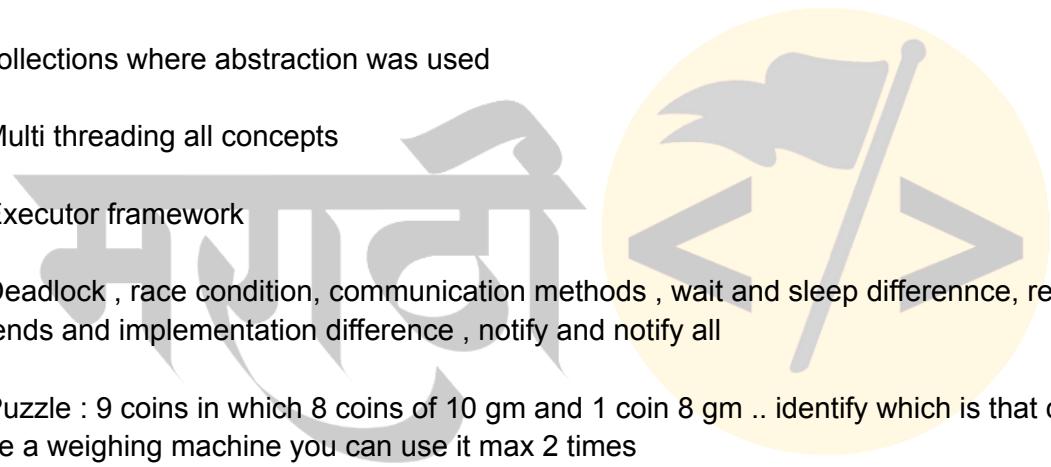
3.Collections where abstraction was used

4. Multi threading all concepts

5. Executor framework

6. Deadlock , race condition, communication methods , wait and sleep differennce, rerrant lock , extends and implementation difference , notify and notify all

7. Puzzle : 9 coins in which 8 coins of 10 gm and 1 coin 8 gm .. identify which is that coin .you have a weighing machine you can use it max 2 times



{CODERS}

Cumulus--

frst round

tell me about.urself

1 write a code for finding missing number in array

array[0 7 8 4 5 6]

2 write code to reverse a string

3 collection framework

4 hashtable hashmap

5 contract between equals and hashCode

6 deadlock

7 mutex

8 semaphore

9 threads

10 how to find middle element in linkedlist

11 oops

12 oops in your project how you implemented it

13 string given and you have to remove duplicate character write a code for the same

round 2

write a linkedlist

modify it and do linkedlist for string and if thee string is repeated then don't add

perform addlast operation

if you want to reduce complexity then what to do in linkedlist

write comparator and comparable

write a thread code

show deadlock in thread code

how to avoid deadlock

synchronisation

if you want to make a list in sorted order then what

if you want to reduce complexity of arraylist what else datastructure you will use

how does hashmap works

how does HashSet works

round 3

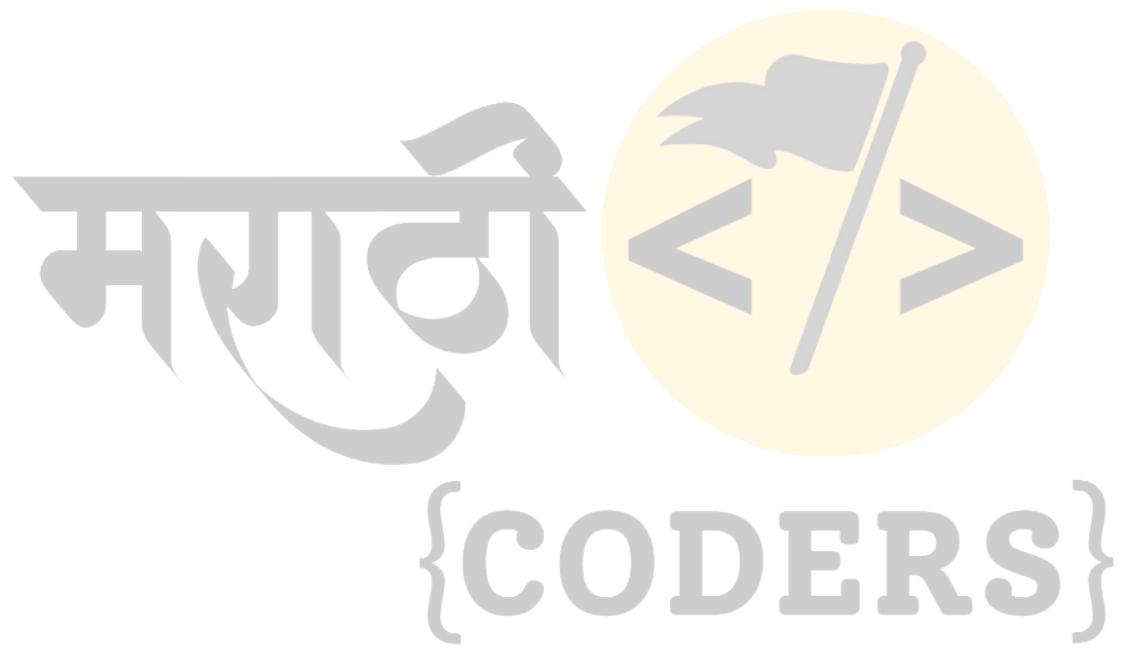
about my previous job

servlet lifecycle

loadonstartup is what

how does live chatting works(this is bcoz I have experience of chat support)

and a good talk :)



AMDOCS

-SMARTOPS

(Omkar kate)

Interviewer had resume so ,durectly started with project

1.Explain your project and your role

2.inheritance in java...explain with code

3.why java why not c++

4.advantages of java over c++

5.what is exception...types of exceptions

6. Give any example of exception with help of code and handle it

7. Are u comfortable with shell scripting, unix ,database sql

8. Basic unix commands

9.sql query...using left join show salary of employee

10. What are joins

11. Where to use Joins v/s where clause

12.mangerial questions

AMDOCS -SMARTOPS

1.rate yourself in java and sql out of 5

2.questions on mysql,crate ,insert,lowest salary

3.puzzle on apple oranges jar

4.java program to reverse array and in desc order

5.challenge face in life and how u overcomed it

- 6.what is data structures
- 7.some hr questions
- 8.any language u learnt except java
- 9.What new things u learned apart from cdac
- 10.project flow

Amdocs

- 1.Introduction
- 2.Rate yourself in java and springboot
- 3.what is synchronization
- 4.what is stringpool
- 5.what is polymorphism
6. 2 simple code array reversal , remove duplicates from string
- 7.difference between instance variable and local variable class variable
- 8.what is drop ,truncate,delete in sql
- 9.simple sql query
8. Hr quetions

Amdocs Interview (Abhishek Kushare) 7th May 2022

Technical Questions (Second Round)

1. Tell me about yourself.
2. Why you chose CDAC ?
3. Explain your project.
4. Tell me about flow of your project.
5. Tell me about your academic projects.
6. What was your role ?
7. which Database you have used ?
8. Difference between SQL and MySQL
9. Do you know indexes. Explain them.
10. Why we use index.
11. Difference between Drop , Delete , truncate.
- 12.Have to write one simple query.
13. What is foreign key?
14. What is candidate key ?
- 15.Are you familiar with OS commands ?
16. Which OS are you comfortable with?
17. Why we use rm -r command ?
18. Have you used commands ?

19. one puzzle regarding formula $n(n-1)/2$.
 20. General discussion about role.
 21. Are you okay with this role ?
-

HR questions (Third Round)

1. Tell me about yourself.
2. Why amdocs?
3. Where are you currently located?
4. Asked about marks which are already on resume. Like she is taking confirmation about is it correct?
5. Do you have any other offer letter?
6. Some questions about me.



IKS Health

Introduction

2 aptitude questions one is based on percentage and other is on age

What is join...write any join query

What is api...how you check your software before handover to the client.

What is SDLC what the different methodology techniques do u know

Find out second highest salary...

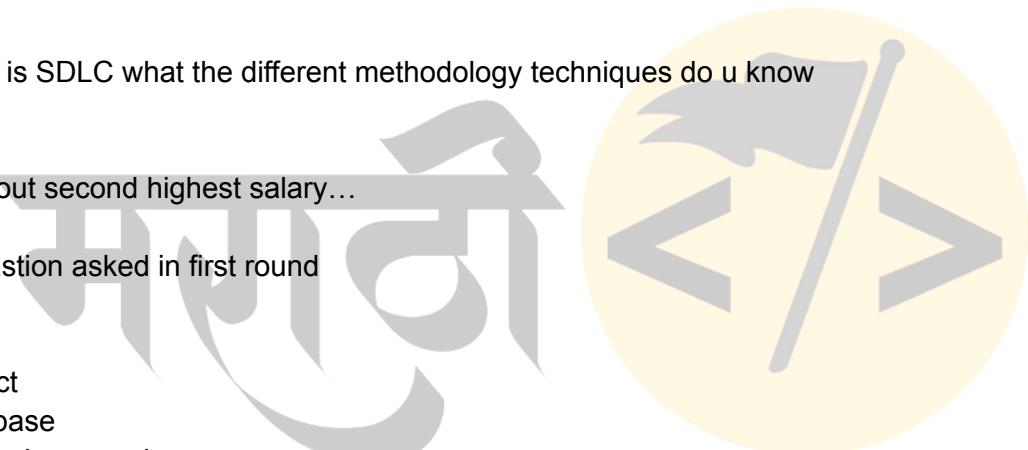
Queastion asked in first round

Intro
project
Database
Technology used
Queries 4-5
Oops

Mysql vs sql
And technical communication

2 nd round

Job
Project
Technology view
Intrests
Problem faced
Project handled
Engg project
Why mech to it



Verifone

Shivendrasinh Khomane

1st round - apti 40 que 20 min cutoff 32.

for refence

<https://www.12minprep.com/knowledge-hub/free-criteria-cognitive-aptitude-test-practice/>

2nd round - 1 code (on coderbyte, here in left side of the editor we were able to search google , stackoverflow was not allowed. code que - easy - input two numbers one is in decimal and another is in binary then check how many conversion of binary 0 to 1 or 1 to 0 are needed to achieve the value of decimal , return no. of conversion) 10 marks and few mcq related to db , ds algo, java oops, os .

3rd round - tech + hr interview

tech interview - que - introduce yourself

que - tell me about mechatronics branch(this is my engineering branch)

ans- integration of cs it , extc, mech

que - what subs you have related to cs it

ans - c , java , os

que - what kind of syllabus you have of java sub in grad

ans - core java, and basic oops concept

then all the ques were from core java and oops concept for about 30 minutes

i was able to answer all the question as they were all easy .

must know all the answer of rapid fire sheet-core java and oops concept

then adv java

que - what is inversion of control and what is dependency injection

then are good at mysql

ans- yes

then one query que - get second highest salary without using limit clause

ans - i could not answer it

then another java program que on exception handling

que- handle many exception of single try block

ans - with common exception e

que - without common exception

ans - many catch blocks one after another

que - he said with only one catch block

ans- with if else ladder

que - he said without it

ans - i said i dont know the way how to handle it
que - he said do you know pipe character
ans - i said yes
que - can you use it here
ans - i said i cant
(i was kind of confused , after thinking about it i realise it was too simple we can use "or" condition)

he said wait for 3 min there is another interview round (hr round)

hr round-
que-introduce your self
que-tell me about your technical experience
ans-i told about my grad and cdac but he said you dont have any exp i said im fresher. then he was like ok

que-how do you rate yourself on scale of 1-10 (1 being bad and 10 being best) on java knowledge

ans- 7

que- what is overloading

que-then one java overloading program

ans- gave wrong ans

2 que on scenario base

1-if you are given one backend module and you are new to it but the client wants solution real quick

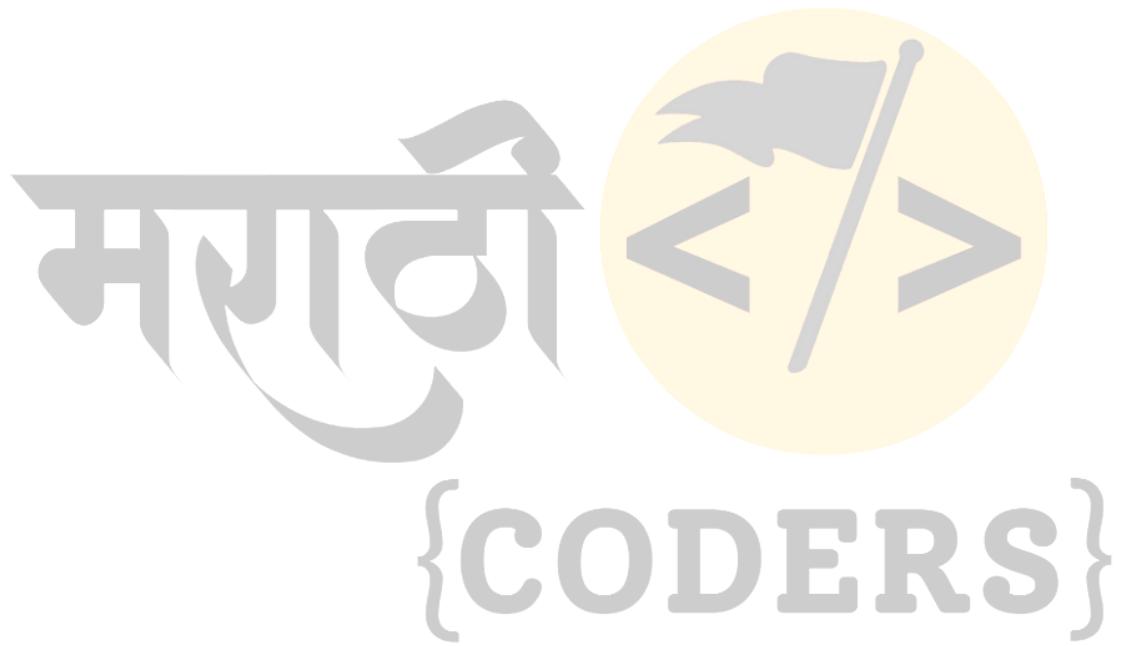
what would you do?

2-if you stick to only java or you will learn new technology

Verifone Technical And HR round questions.(date added:18-05-2022)

1. Introduce Yourself.
2. Explain your project.
3. Write a program to reverse a string using recursion.
4. Write a program to swap two numbers without using third number.
5. Write a program to obtain factorial using recursion.
6. What is multithreading?
7. What is yield() method?
8. What are the two types of polymorphism?
9. How can we achieve polymorphism in java?
10. What are the states of a thread?
11. What is difference between throw and throws?
12. What is try catch block?
13. What is the difference between error and exception?

14. What is final keyword and where do we use it?
15. What is abstract class?
16. Tell me about your work background.
17. Why did you switch to IT industry?
18. What are your strengths and Weaknesses?
19. Do you know RDBMS?
20. Write a query to delete duplicate records from a table?



Bank of America

Round1.. BOA

- 1.Introduce your self
- 2.(They have resume) tell about gap after graduation
- 3.oops concepts
- 4.overloading vs overriding
- 5.interface abstract
- 6.modifiers and it's scope
- 7.collection
- 8.difference between arraylist and linked list
- 9.difference between comparator and comparable

Round1

Company:BOA

- Introduce yourself
- Overview of -Project
- Why you used React Js?
- OOPs
- Which will load first Bootstrap or React Js application in Apache Tomcat?

BOA-

- 1)project
- 2)explain one complete flow of a api to get list of objects
- 3)HashMap along with its internal working
- 4)HashCode
- 5)Bytecode
- 6)garbage collector
- 7)types of garbage collector
- 8)working of garbage collector
- 9)static initializer block
- 10)constructor
- 11)how to run spring app without ide like sts or NetBeans

Bank of America Interview

just like a couple

Introduction

We are having spring framework then why u used spring boot by impress on this question ..Pura DSA puchha...

What is cloning

After giving this answer he asked me it's type

Then difference of shallow and deep

How u reverse a stack

How will u find out ur linkedlist has a loop

Then he asked me how to find out the length

How u will break the loop

Not asked any branch oriented questions

Next round ayega dekhte hai kya hota hai

Only 1 round

Intro

Why Java is platform independent

All String concepts

Collection hirerachy with details of HashMap

Fail fast and fail safe iterator

Wap to Fibonacci series

Equals method

Final and finally difference

Why Psvm(string []argv)?

L1:

Oops basic concepts,

Exception try catch,

Interface and abstract class,sys.out.println means ??

, Thread and process,

Static block, final block, what is finally, wap palindrome, overloading and overriding in java

L2:

React based question like what is components and function in react,

Deadlock,

Oops with example,

Jvm related questions,

State and props, exception types, collection, inheritance explain in brief,

Bank of America

Amol Mote

date : 9 may 2022

L1 discussion Bank of America Interview

Introduction

(Mention project in your introduction)

Why you used spring boot in your project.??

What is cloning

After giving this answer he asked me it's type

Then difference of shallow and deep

How u reverse a stack

How will u find out ur linkedlist has a loop

Then he asked me how to find out the length

How u will break the loop in linkedlist

asked me hashmap working

Why hashmap required immutable key

If employee class is there then which method required to implement in employee class

What happened when collision occurs in hashmap

L2 discussion Bank Of America

Introduction

Explain project architecture

SQL Query based on my project table structure

(Which staff having maximum orders in April month)

Then gap justification

Given a real time scenario based on project development and asked me..what is ur approach in this situation.

Suggestions:

1- At least do all the approaches of data structure concepts.

2- Mention ur project in your introduction

This shows that what u did in your cdac course

BlueSpaceLabs:

- * Introduction
- * Why MySQL & cross-questioning over the same
- * What part in your project you have done
- * JDBC vc Hibernate
- * How hibernate is added in the project (for JDBC we add external Jar files)
- * JPA, use of the same in project
- * explanation of config file
- * Different APIs
- * Can we send data to server via get request
- * How to maintain log of different users
- * Can we post more than one APIs at a time (something related to synchronised & unsynchronised).

The last question I didn't even understand.

Accops

Interview (Abhishek Kushare) 5th May 2022

Technical Questions (Second Round)

1. Which language are you comfortable with other than Java ?
2. There was first module COP &OS .Are you aware about OS concepts?
2. Which OS do you used ?
3. What is Registry ?
have you used?

4. What is Service?
how to create service in windows?
5. What is Thread ?
6. Difference between Thread and Process.
(Drilled so much on OS questions)

7. Do you know OOPS concepts?
8. What is polymorphism?
9. Do you know binding?
why we call it early or late ?
10. Asked about Final keyword.
11. Difference between SOAP & REST.
12. Why SOAP is slower than Rest?
12. Some basics of Core java.
13. Two simple Diagram waale puzzle which was on their screen.

Interview (Abhishek Kushare) 5th May 2022

Technical Questions (Second Round)

1. Tell me about yourself.
2. Are you comfortable with Dot net core ?
3. Oops Concepts.
4. Do you know multithreading ?
4. What is CLR ?
5. Have you used C# ?
6. Why you joined CDAC?
7. What are your learning from CDAC ?
8. Which collection have you used in your project?
8. Difference between Array and List.
8. Gave one puzzle.
9. Asked basics about java.
10. How much experience do you have on Bootstrap?
11. What was your role in your previous job ?

(Questions are not asked in same sequence .)

Managerial Round (Third Round)

1. Tell me about yourself.
2. Explain your project.

3. What was your role in your project ?
 4. Which annotations you used in your project?
 5. Explain annotations used in your project.
 6. Asked about flow of my project.
 7. Asked about layers of project. and explain controller.
 8. Write Controller class.
 9. What is @RequestBody & @PathVariable (because It was in my code)
 10. Which technology have you used for frontend?
 11. Tell me about useState, useEffect .
 12. Some basics about react .
 13. Write code using useState, useEffect and change value of variables. (Drilled on react part)
 14. Are you comfortable with location?
 15. Do you have experience on Dot net Core?
 16. What is CLR ?
-

Sapiens

(date added 13may 2022)

Technical IV : 1

1>Formal Introduction

2>Explain OOPS Concepts:

-->Detailed Explanation n 4 major pillars (Used single example of car for this...Continuing the same example kinda kept a grip and the attention of IVer)

Followed by rest 3 minor pillars in C++

3>Asked specifically on my BE project as I had it implemented in Arduino and C++

-->Provided a concise and brief idea.

4> Do you know about keyword virtual

-->Answered same as overriding in JAVA...

From here the entire IV was mostly on DSA

5> Asked to implement Single Linked List on IDE

-->Provided the pseudo code on notepad first...IVer Asked what happened to the node deleted...Answered gc() takes care in JAVA..In C++ this has to be handled else memory leaks will be there reducing the efficacy...

6>How will you manage the memory leaks in that case

-->Need to read more on this

7>Will you be comfortable with C++

-->Nodded YES



{CODERS}

Technical IV + HR : 2

1> Formal Introduction

---Had some more questions here but don't remember at the moment---

2> Asked to write a program on IDE to convert a decimal number to binary

--> Provided the pseudocode that Converted the number to reversed binary and then reversed it to get the org result as it clearly seemed that he didn't want me to use library function

3> Implement an example of abstract class

--> Implemented and showed the example of Runtime Polymorphism

4> R u comfortable working with C++?

--> Brief conversation on doubts I had

HR Round:

1> Introduced himself and then my formal introduction

2> Asked me about my previous employment

--> Provided a detailed explanation

3> Why are you switching when u were well established in last org?

--> I let him know my primary motive

4> Any questions

--> Had a small chat here

Company: Sapiens Technologies

Date added-16-05-2022

Name: Vishal Kolte

1] Technical Interview

1> Introduction

2> Asked to explain Project flow, about technologies used, Project Architecture & 2-3 basic questions related to project.

3> Program to left rotate the elements of an array.

- 4> Program to remove duplicates from an array.
- 5> Program to count the total number of words and characters in a given String.
- 6> Program to Count occurrences of a word in String.
- 7> Write an SQL query to report all the duplicate emails.
- 8> Asked few questions on core java and adv. java annotations.

2] Managerial Interview

*Introduced himself and then asked me to introduce. few questions on project and what I learned in CDAC, Journey and all.

- 1> Interviewer checked into my Resume and started asking about my activities and technologies mentioned in it.

(My past four years were into leading a Motorsports Teams at SAEINDIA National level events so looking after that Interviewer started asking about Team work, experiences and how did you used to manage this all? , team size and duration etc..)

- 2> What something that will motivate you at work?

- 3> Theres going to have 5 days work a week, how will you enjoy it with colleagues? and some other questions like that

- 4> Where do you see yourself after 2-3 years and growing in industry?

- 5> Given me certain scenarios looking upto my experience and asked the different ways to solve certain conflict and my role.

- 6> How will you manage to avoid mistakes, conflicts so that work flow should go fine?

- 7> How much do you rate yourself in Technologies learned in CDAC? mainly Java & ADV. Java(Rapidly answered)

---- I answered these all questions and elaborated him with situations and sharing experiences(that he asked to share if any)

Interviewer complemented and then asked->

What do you know about our organization? after my answer he also added into it about company culture, technology and kind of work.
had lil talk ...!

3] HR Discussion

1> Greeted & then Introduced herself & then asked me to Introduce.

2> How did you got into CDAC?

3> How was your day and how this placement scenario going on for you?

4> asked about my passion and how adaptable am I?

4> Did you had any other interview today?

5> Is there any other company interview in Pipeline for you? (asked me just coz I told her previously about calls .. had Tech Mahindra next day)

--- she stated her views that they are product based and Tech M is service based and also told me what should be good for me as a fresher as a developer.

6> Asked about what I know about Sapiens, its location to check whether I know it or not?

--- so she asked are you able to relocate to Bangalore? said have doubt that you will go with TechM if selected coz its in Pune then I had to tell her about our CCP rule.

7> She discussed about salary structure, training period within company, work culture, wfh & when it will be etc.

8> Asked me if have any doubts, discussed on that.

(**It was HR Discussion not more like interview)

Numino Lab

(date added 13may 2022)

1st round

aptitude+technical MCQ

=====

INTERVIEW

technical Round 1 (Coding Round) --1hr

1st program

WAP to count of no of occurrence of one string into another

2nd program

WAP to find out Longest common prefix in a set of strings

=====

technical Round 2 -- 1hr 40 mins

explain the coding round codes and how we can improvised that code , what is the time complexity & how we can minimised time complexity of that code.

explain your project and what technology you used

database queries which are used in projects

Inner join , outer join , LIKE operator , etc etc

Spring annotations

tell me any 5 java 8 features?

=====

technical Round 3 -- 40mins

Explain your project

java basics questions like

what is pass by value and pass by reference?

java supports pass by reference ? explain ?

why string is immutable?

what is volatile kw?

difference between process and thread?

difference between Collection and Collections?

which Collection you used in your project?

generics in java?

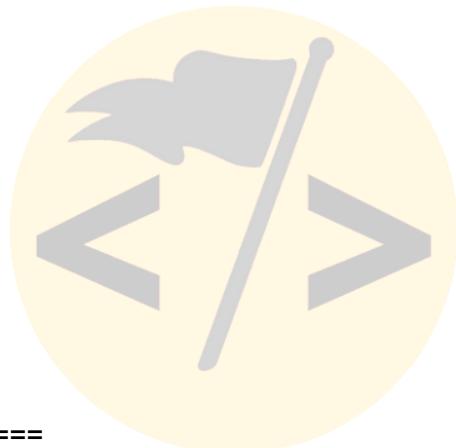
design pattern in java?

when we override equals method?

stack vs heap in java ?

can two threads share stack memory ?

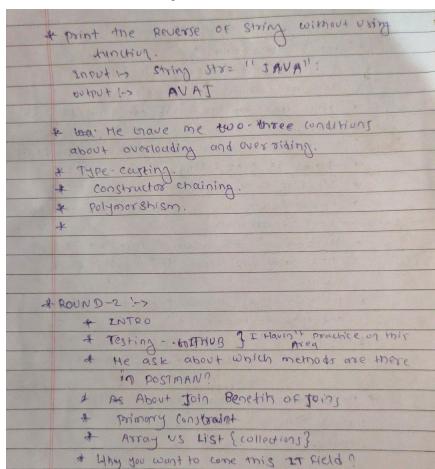
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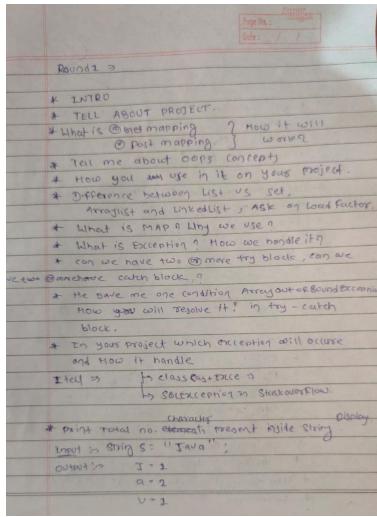


TIAA

Added(13may2022)

{CODERS}





Tech - Mahindra

Questions(updated-14may2022)

1. Introduce about yourself - College Name, Degree, Year of Passout.
2. He asked me to show my id card.
3. memory areas in jvm
4. JIT compiler
5. some code snippet and asked the output.
6. Git basics
7. about version control system.
8. Mysql - exception
9. Then some hr related questions.

Manhattan

Interview(updated-14may2022)

Round One:-

- 1) Code To find duplicate strings from string list and print them(collection framework)
- 2) set vs list
- 3) arraylist vs linked list
- 4) checked vs unchecked exception
- 5) Synchronised Block
- 6) Code to find same int elements from 2 list and return count (collection framework)
- 7) Have you used multithreding in your project
- 8) Are you comfortable with angular in near future.

First and last round of Last call 😊



{CODERS}

Reliance Jio Infocomm Ltd

Date added:- 16-05-2022

Round 1 : duration 20min

- introduce yourself
- Project Explainantion- role,flow, why spring boot, why MySql
- find max salary ...scenario third hightest
- find deptname & max salary ...scenario
- how you achieve authentication and validation in your project

Round 2 : duration 25-30min

- introduce yourself
- what do mean by analytics
- what is Devops
- what is your project ...role, flow, database used ?
- react to spring boot connectivity
- API and its use
- SQL query for find max salary
- SQL query of inner join
- what is inner join, right join, left join
- SQL query to find dept name of max salary



Tecxlabs

Technologies Interview questions:::

Round 1--

Tell me about yourself and project introduction

Oops concepts with examples

Why inheritance important

Asked POLYMORPHISM twice with examples and explain their types

Difference between array,ArrayList,linked list and which one is fastest among them.

Searching types in data structure and time complexities

What is delegate in dotnet

Joins,views,cursors explanation

Difference between DBMS RDBMS

Why excel is DBMS

Why spring boot for project

Explain structure of spring MVC in 10mins

List and explain some annotations of spring

Why string immutable

What are the security and validations in your project

Explain one best feature of your project

And LASTLY, Why you switched from mechanical to IT.. I answered for learning new technologies and also lot of opportunities with attractive packages and massive growth.

Round 2--

Can we access private field of class after inheriting a class?

If class inherits two interfaces with a same method then what will happen

Basics of OOPS

Java 8 features

ASKED TO REVERSE STRING IN LESS THAN 2 MINS..... I COMPLETED IT IN 1 MIN... so he said to leave meet..... Second round was only for 5 mins..... I asked others so they told they had around 45 mins....

That's all... Thank you...

BNP Paribas

Round 1

- 1) Introduce yourself.
- 2) Tell me about ur project.
- 3) what's your role in your project.
- 4) Whats is oops concepts in java.
- 5) explain polymorphism and inheritance..
- 6) differentiate static polymorphism and dynamic polymorphism.
- 7) How will you implement infinite loop in java.
- 8) what is data structure.
- 9) diff between array and string.
- 10) why strings are immutable
- 11) what is left and right join.
- 12) Write a query to show the 5 person's name having maximum salary in the table
- 13) write a program to reverse elements in the array.
- 14) why we use multiple inheritance.

Round 2 -

- 1) Explain the project.
- 2) why you used spring boot
- 3) they put me in a diff scenario and asked how will you react.
- 4) Even my laptop get issue at same time so i managed to give interview from my mobile.

One suggestion from my side just be confident on what you are answering..

Orion Innovation

_ *#Technical:_ for some questions he expected too detailed Answers, not satisfied with 2/3 liners

- * Introduction
- * Are you comfortable in C# (Interview was about to end at this point as I explained why I am much more comfortable in Java at this position, at this point of time.
Then a hot discussion happened between Tech and HR, finally he continued.)
- * Abstraction, real life example, how to achieve
- * Encapsulation, real life example, how to achieve
- * Relation between Abstraction and Encapsulation
- * Abstract class vs Interface and suitable conditions to use them
- * Overriding
- * Constructor Overloading
- * Static Class in detail
- * Pass by value, pass by reference
- * String class
- * StringBuilder, StringBuffer
- * Threading
- * Managed vs unmanaged code in .net
- * Garbage Collection
- * Finalize in detail

- * Try, catch, finally in detail
- * Transaction in detail with real life examples for each words like save point, rollback, commit etc
- * Project
- * Again in project why transactional annotation, JPA repository... And how transaction works here
- * Stored Procedure
- * React token
- * Security
- * JWT token

* How security is implemented in project

* Any questions from your side

*#HR: for every question detailed answers were expected, if given one liner/word...HR asked to elaborate

- * Team/Individual player why
- * Hobby in detail
- * Being NSS representative, what did you get
- * Did you lead any team ever, if yes then share the experience
- * Are you comfortable to work in other technologies and how will you manage learning and grasping the same
- * At the time of project delivery we need to work outside office hours and sometimes on weekends too, are you comfortable with that
- * Any questions from your side

1.introduction

- 2.your role in project
- 3.what is http
- 4.api in project with implementation
- 5.annotations used in project
- 6.having by implementation
- 7.cluster index
- 9.are you comfortable in dotnet
- 10.reason for gap after degree
- 11.then why u switched to it

MasterCard.

Round 1 :

- 1.Tell me about your self?
- 2.Tell me about your project?
- 3.Explain different technologies used in your project?
- 4.How you use Oops concepts in your project?
- 5.In which part you work in project?
- 6.What is spring boot and why you use?
- 7.What is maven?
- 8.Explain different annotation you used in your project?
- 9.Sql query to find total count of city from Employee table(id,name,city) eg. Mumbai 5
- 10.What are different types of HTTP servies?
- 11.How are you going to show if any error occurs in front end?
- 12.If we have A is parent class and B is child class of A then which will be true

```
A a=new A();
B b=new B();
A c=new B();
B d=new A();
```
- 13.How you connected front end and back end?
- 14.Suppose we want to change database MySQL to Oracle then what changes required in back-end?

Round 2 :HR + tech

- 1.Briefly introduce your self?
- 2.Which projects are you done?
- 3.Explain your project entities?
- 4.Program for find second max element from arry?
- 5.Program for convert number into single digit? eg. 159 =>1+5+9=15 =>1+5=6
- 6.Apptituted problem if a well have 30m height and inside it one frog which trying to get out if frog jump 3m in day and falls down 2m in night then in how many days take to frog get out?
- 7.Sql query we have Student table(id,name,mark) find out unique names?
In similar question "Select name,Max(mark) from Student;" what will be the output.

- 8.Tell me all education details from 10th to tell now?
- 9.Tell me about your achivements?
- 10.What are different activities you have done?
- 11.Why Mastercard?
- 12.Why you change your field(domain)?
- 13.Why we select you?

HSBC

tech. Round*

- 1)Introduction
 - 2)OOPS
 - 3)polymorphism detials with implantation.
 - 4)collection hiracracy.
 - 5)list and set difference.
 - 6)implementation of array list.
 - 7)sql basic query.
 - 8)java 8 features used in your project.
 - 9)flow of your projects
 - 10) tables in your project.
 - 11) CSS how to apply.
- Etc.



- 1) oops concepts
- 2) exception and give me brief info about it
- 3) write code of thread exception using both techniques
- 4) write code for triangle numbers
- 5) explain polymorphism then he gave me scenario of family and ask me to do code which have polymorphism conepts overriding and overloading
- 6) then he asked me about collections and ask me interface's unique property ex.set list etc
- 7) then annotation and layerd architecture of project
- 8) we used jwt token so he ask about encryption and decryption process
- 9) hibernate connection with spring boot without springboot
- 10) database basic query of employee class ask abou joins

{CODERS}

Ziff davis

- 1) start with project ask me to write basic rest api flow from controller to pojo.
- 2) code reverse string and delete odd number from array.

- 3) database query asked query about distinct salary and order by descending
- 4) difference between arraylist and linklist
- 5) hashmap is synchronized or not and what makes a differ from hash table
- 6) java version and functionality
- 7) why java independent and how it works
- 8) react flow how we can connect client to server

Ctech

Introduction

Oops concepts

Give rating to yourself in java out of 5

Give rating to yourself in mathematics out of 5

Difference between c++ and java

Inheritance types, multiple inheritance in detail

array sorting code

Explain cdac project and your role in project

What was your engineering project and asked me about internship project that I have done in engg

Puzzle

Why mech to it

Reason for gap after engineering

Where do you see yourself after 10 years

Are you ready to relocate

2nd round

Puzzle:

3ltr and 5ltr Bucket and Infinity water supply puzzle

Make equal partition of cake using 3 cuts

One triangle =Divide into n number all partition should be of same area

$(a+b)^2$ in its expansion how many geometrical shapes you can imagine and Justify them all

after puzzle they asked, What do you think why i asked this puzzle?

What do you know about company.

Some behavioural question regarding how do you handle stress.

How do you manage if the client demand to get the project before the actual deadline and related other scenario created by the IVer

Hobbies

Société générale

Intro

Explain HashMap

HashMap program

What is REST API ?

Explain project flow in details

@RestController vs @Controller

Explain all annotation from your project

OOPS concept

Abstraction Vs Encapsulation

Do you have any question for me

