

Sr. No.	Select your PRN & NAME carefully	Name of the Company in which finally placed	Interview Questions asked - Technical ONLY	Interview Questions asked - HR ONLY	Interview Questions asked - to other candidates - If you know about it, please mention here - TECHNICAL & HR
1	0189 Shivam Tiwari	CDAC Pune	Application server vs Web server any other paradigm than OOPS types of jdbc driver final and finally system.exit in try then will finally execute access specifiers and their real life examples thymleaf Inversion of control Spring container What are CRUD operations Can exception be thrown in finally block React questions Ajax related Explain project		Project Spring Arch Spring Tiles Spring Library tags Methodology used in Project Jsp lib tags Annotations in spring
2	0033 Apurva Arun Giri	Coupa software pvt Ltd	Regarding project Factorial problem Regarding recursion disadvantage of recursion Which sorting algorithm is best If i want faster sorting regardless of space then which one is best Difference between encapsulation and abstraction Inheritance disadvantages Diamond problem in inheritance how multiple inheritance problem solved in java? what is polymorphism? what is exception? how exception is handled? if i have try block and finally block then will code compile and if yes what will happen? if i put system.exit in try then finally excute? what is binary tree? how you travse binary tree? what is linked list? what is queue? what is stack? write a code to insert element in linked list(i used singly list) if you lost track of next pointer then what will happen and what is solution for it? if you want to traverse from 1st to last node then how will you do that? more types of tree data structure?		Don't know
3	0074 Harsh Koria	CDAC - Delhi	1. what is abstraction 2. what is inheritance 3. why multiple inheritance is not allowed in java 4. what is JWT and about Spring security 5. Why JWT 6. explain complete flow of request response with react and springboot 7. Annotations used in springboot 8. What is components in react and types of components 9. When to use which component and about react hooks 10. react life cycle methods 11. what is reactive designe 12. what is flexbox 13. What is redundancy in database 14. What are Normalization rules 15. joins		what are state and props in react
4	0005 Abhishek Balyan	Cdac - pune	Dependency injection, Annotations, AOP, Rest vs Soap, Hash map internals, when & how collision occurs in hashing based data structures, Major pillars of OOPS, why classes are used, use cases of inheritance, linux commands, use of bashrc file, data structure used in major project	Are you willing to relocate	No
5	0185 Shantanu Ravindra Mali	CDAC Pune	<b>Project:-</b> 1. What is your role 2. Did you work on back-end, front-end or both <b>React:-</b> 1. Difference between JS and JSX 2. What is Babel 3. What are components <b>Java Spring Boot:-</b> 1. What is the difference between JDBC and JPA 2. How to select top 5 records in a table using JPA 3. How did you handle exceptions in your project 4. Difference between @Controller and @RestController <b>Miscellaneous:-</b> 1. What is a webserver 2. How to deploy project w/o using git 3. How does a webserver know what domain name to go to 4. When to use Rest API"		

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	0033 Apurva Arun Giri	Coupa software pvt ltd	<p>Regarding project</p> <p>Factorial problem</p> <p>Regarding recursion</p> <p>disadvantage of recursion</p> <p>Which sorting algorithm is best</p> <p>If i want faster sorting regardless of space then which one is best</p> <p>Difference between encapsulation and abstraction</p> <p>Inheritance disadvantages</p> <p>Diamond problem in inheritance</p> <p>how multiple inheritance problem solved in java?</p> <p>what is polymorphism?</p> <p>what is exception?</p> <p>how exception is handled?</p> <p>if i have try block and finally block then will code compile and if yes what will happen?</p> <p>if i put system.exit in try then finally excute?</p> <p>what is binary tree?</p> <p>how you travse binary tree?</p> <p>what is linked list?</p> <p>what is queue?</p> <p>what is stack?</p> <p>write a code to insert element in linked list(i used singly list)</p> <p>if you lost track of next pointer then what will happen and what is solution for it?</p> <p>if you want to traverse from 1st to last node then how will you do that?</p> <p>more types of tree data structure?</p>		
6	0093 Kiran Badrinath Patil	Tracelink	<p><b>Round 1</b></p> <p>same hackeerank code which is in aptitude test</p> <p>Why strings are immutable ?</p> <p>Collection framework Set ,List,Map</p> <p>Run project website</p> <p>meaven</p> <p>Electrical motor power is in Kw not in KVA ?</p> <p>If Capacitance increased then current also increases why?</p> <p>puzzle measure 4 litr using 3ltr and 5 ltr can if you're on riverside</p> <p><b>Round 2</b></p> <p>1. What difficulties faced while learning python</p> <p>2. Database Design in project , one to many relations in project</p> <p>3. when user is adding products to cart are they reflect in database or where they stored?</p> <p>4. why jwt not implemented, questions on spring security</p> <p>5. abstract class and interface use case</p> <p>6. why static method not overloaded</p> <p>7. two objects calling static method same time will race around created ?</p> <p>8.explain thread stack</p> <p>9.try , catch , finally</p> <p>10.localstorage in js and authorization</p> <p>11.what is first discussion regarding project?</p> <p>12.why docker why not k8?</p> <p>13. 2D array how can rotate it in 90 degree clockwise</p> <p>14. Any questions</p> <p><b>Round 3</b></p> <p>1. Tell me something about yourself</p> <p>2. Challenges faced in previous organizations</p> <p>3. what is predictive maintenance does any algorithms were there?</p> <p>4. Any Questions</p>		
7	0079 Himanshu Singh Thakur	CDAC PUNE	<p>Questions tell me about yourself</p> <p>Brief Project description</p> <p>What technologies used in project.</p> <p>Why use react</p> <p>What is singlepage application</p> <p>What is component?</p> <p>What technology used in backend</p> <p>How many tables in database in project..</p> <p>Stored procedures</p> <p>What is inner join, outer join, types of joins</p> <p>How @query annotation is used how to write</p> <p>Diffrnt types of annotations</p> <p>What is jwt didi you used in your project</p> <p>How you ensure you are connect with your frontend and not anyone else</p> <p>What is cursor</p> <p>Syntax of cursor</p> <p>What is set list map</p> <p>Difference between them</p> <p>What is hashmap hashset and diffrence between them</p>		
8	0105 Mahima Singh	Coupa Software technologies	<p>Round 1: Coding questions related to 2d and 3d array. Matrix coding related question. Sorting. (I wrote total 5 codes and then interviewer asked to improve it) OOP scenerio give had to frame classes methods etc according to the scenerio, DBMS queries. Joins related questions and correlated queries.</p> <p>Round 2: A business scenario was given had to come up with all the requirements like db schema methods required after that interviewer increased complexity and asked how I will include those without changing current schema. Asked Questions related to Nosql difference between them. When to use what etc. Asked my view how WhatsApp store it's data how there system would be how we get notification instantly. Web sockets, socket programming questions. Mostly focus was how I handle given problem (approach).</p> <p>Round 3: Interviewer was from USA he read my entire resume and found my graduation minor project most interesting so asked questions regarding it how I thought about that project and entire working of same(fortunately I remembered that) then asked me out of all which one is my favourite and my learning from it. Problems occurred how I solved them. If I think I would have to do it again which one it would be. Also shared his approach towards a puzzle and asked how I start solving a question. Then he asked how things work in India and How I managed to score good marks in all technologies. Which is my preferred technologies and why? Some questions on java. He also shared his personal experience in company and his career.</p>		

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9	0174 Roshan Raghunath Rane	Deutsche India Private Limited	<ul style="list-style-type: none"> <li>- OOPS</li> <li>- Explain Project</li> <li>- How did you deployed Your project</li> <li>- docker &amp; git command used in Jenkins pipeline</li> <li>- Virtualization</li> <li>- Virtualization vs Containerization</li> <li>- Is there null value in java &amp; what is purpose of null</li> <li>- Guess the output of given code &amp; explain why</li> <li>- If there's need for new technology which you don't know what will you do?</li> </ul>	<ul style="list-style-type: none"> <li>- Introduce Yourself</li> <li>- Why do want to work for DB</li> <li>- Do you any questions for us.</li> </ul>	
10	0188 Shivam Sharma	Tyfone Communications Development Pvt. Ltd	<ol style="list-style-type: none"> <li>1. Tell me something about yourself</li> <li>2. Hibernate states</li> <li>3. Spring boot anotations</li> <li>4. Explain @autowired and @transactional</li> <li>5. Explain exception handling . How did you handle exceptions in your project</li> <li>6. Explain your project verbally and questions related to project</li> <li>7. Questions related try,catch and finally</li> <li>8. Testing used in project and junit testing</li> <li>9. Jpa association and fetch type</li> <li>10. What working of stack</li> <li>11. Why spring data JPA</li> <li>12. Explain dynamic polymorphism</li> <li>13. Interface vs abstract class</li> <li>14. Collection framework</li> <li>15. What was your role in the project (frontend or backend)</li> <li>16. Which java version and spring boot version was used in your project</li> <li>17. How did you handle logs in your project</li> <li>18. Coding part explanation of one feature that you have done in your project both FE and BE</li> <li>19. Some more questions related to project that i don't remember</li> </ol>		
11	0091 Kaushal Parmar	Deutsche India Private limited	<ul style="list-style-type: none"> <li>-&gt; Tell me something about yourself ?(Interest projects etc)</li> <li>-&gt; Rate yourself in cpp and java (As my profile is java centric according to him).</li> <li>-&gt; Primitive Data Types in CPP</li> <li>-&gt; What is Difference b/w cpp and java.</li> <li>-&gt; What is difference b/w struct and class in CPP.</li> <li>-&gt; what is difference between constructor and destructor.</li> <li>-&gt; Puzzle : "31 51 bucket"</li> </ul>	<ul style="list-style-type: none"> <li>-&gt; Tell me something about yourself</li> <li>-&gt; What do you know about Deutsche Bank and Why you want to join us ?</li> <li>-&gt; Why did you opted for CDAC after graduation ?</li> <li>-&gt; Were you placed earlier in graduation (college campus) if yes then why didn't you joined then ?</li> <li>-&gt; Tell me something about your family background ?</li> <li>-&gt; Are you willing to relocate to pune immediately ?</li> <li>-&gt; do you have all the required documents with you including aadhar, PAN,Passport and voter ID card ?</li> </ul>	
12	0228 Yadav Sayali Raju	Tyfone communications development Pvt Ltd	What is spring boot. Scope of spring beans, Explain database design of CDAC project, predefined functions of string and array in javascript to find a character in the string, explain the collection framework in java, JVM Architecture, some pseudo codes on strings	Tell me something about yourself, why you want to join Tyfone, what do you know about Tyfone, why did you switch your domain	
13	0180 Sarita Kumari Singh	Cdac Pune	What is autowire why it is used What is hasmap What is hash collision and how it can be handled . What is multiple inheritance explain with real life example . What is string constant pool difference between string builder and string buffer Why u have used spring boot in project Do u know about param supercomputer Difference between Linux and window Heap table Indexing Cursor Diffrence between Varchar and char Candidate key Primary key Linked list		
14	0080 Himanshu Vinayak Ramdasi	Coupa Software India Pvt. Ltd	<b>1st round:-</b> 1)Introduction 2)C Prog lang - pointers, use of pointers, why C 3)OOPS concepts 4)Searching and sorting algorithms, asked to implement binary search, difference between linear and binary search , time complexities 5)If i download something from net and that file is not downloaded then how will you resolve? 6)Project details - Why Spring boot why not C# <b>2nd round:-</b> 1)Introduction 2)All details about Database in our project 2)Mapping between various tables 3)Association 4)4-5 Database queries 5)Program to sort array and find there is one number given as a input we need to find the number of occurrences 6)Time complexity 7)Project related questions <b>3rd round:-</b> 1)Basic info about me 2)Why ENTC why not CSE 3)Program- Array and one sum is given as a input i need to find the number of pairs and return that pairs whose sum is equal to the sum given as a input 4)Program- One choclate cost one rupee and we have 15 rupees and if we return 3 wrappers we will get one choclate back so in 15 rupees how many maximum choclate you can buy 5)Project related basic questions	1)Asked some questions related to entc but i unable to answer 2)Asked a situation where there is a conflict between you and your friend and how you handle that 3)Tell me the situation where there is conflict between you and your parents and how you have handled it 4)About situation in college where you studied the subject in less than 15 days	
15	0095 Kolte Akash Bhagwat	CDAC,Pune	Na		

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16	0023 Anant Mahendra Gehi	Deutsche India Private Limited	<ul style="list-style-type: none"> <li>- Compile Time Polymorphism Vs Runtime Polymorphism with examples</li> <li>- Exception Handling with Method Overriding in Java</li> <li>- Database Connectivity in Project</li> <li>- Searching and Sorting Algorithms</li> <li>- Selection sort Implementation on online IDE</li> <li>- Quicksort Implementation on online IDE</li> </ul>	<ul style="list-style-type: none"> <li>- Brief Introduction</li> <li>- Project Details</li> <li>- Questions about my previous job role</li> <li>- Apart from Technical Knowledge what will you bring to Deutsche?</li> <li>- Apart from technical challenges/difficulties what is the most challenging task/difficult task you have done?</li> <li>- What are your biggest achievements?</li> <li>- Do you have any questions for us?</li> <li>- Do you have Adhaar Card, Pan Card, Passport?</li> </ul>	
17	0164 Rahul Singh	Cdac Delhi	What is abstraction? What is inheritance? Why multiple inheritance is not possible ? What is difference between real Dom and virtual Dom? Why react? What is jdk jre jvm? Is jvm machine dependent? What is candidate key? Difference between callable and prepared statement? Difference between char and varchar? Annotation used in spring boot? What is autowired annotation?	No hr round	
18	0107 Malu Arjun Jagmohan	Juniper	1. Print uncommon chars from string 2 comparing string 1 2. [1,2,0,7,0,0,8] move all 0 to the end 3. Buy 1 get 2 basket problem 4. Print distinct chars from string *Later asked to improve time complexity in all the codes and asked to use different collections* 5. Puzzle - container 1 : 5lit , container 2 : 3lit, fill 4 lit in container 1 6. Basic OOPS questions 7. Basic Networking questions 8. Basic .Net questions		
19	0088 Kakade Abhijit Anant	Tracelink	OOPs concepts, Type Casting, Project related questions,		Oops
20	0122 Neelima Bodkhe	CDAC Pune	Tell us about your project, what was your role in it ? What are different SDLC models ? Which development life cycle did you follow for your project ? What was your development approach for the project ? How you would do validation in front end? What are the build tools ? Can you explain maven? File handling image handling How you handled Exception in your project ? Microservices AOP Numeric and String data types in MySQL How to create a user for accessing the database in mysql Linux command for pattern matching and counting letter of a file How many Shell types are there ? What is the use of shell scripting?		
21	0110 Manish Kumar	CDAC Delhi	1. Explain Project 2. How to implement role based authorization in react 3. Explain hibernate architecture 4. Explain JPA 5. Annotations 6. How does the Frontend Communicate with the Backend? 7. Thymeleaf 8. Where to handle validation - backend or frontend? 9. Client-Side Validation & Server-Side Validation 10. Explain RDBMS 11. Some more questions related to project		
22	0204 Subhadip Saha	CDAC TVM	The technologies used in CDAC Project. - Frontend, Backend, Database. Alternative technologies of Frontend, Backend, and Database. How did you store photos in your project? Explain Authentication and Authorization. (Give an example w.r.t. your project.) What is Security? How to handle security? Difference b/w C and C++ Questions regarding the Graduation project.	Why do you want to join in this organization? ( Have some information about the organization that you are interviewing for and Read Job Description (JD) carefully. )	<b>Technical</b> Explain basic concepts of OOPs in Java, Explanation with examples Is Java 100% object oriented language? Explain Exception handling and Collection Framework in Java What are Annotations, Dependency Injection and Inversion of Control? Basic Query of SQL(Focus on JOIN) Discuss Normalization and its types Basic Linux commands and their usage. Searching and Sorting algorithms in data-structure  <b>HR</b> Introduce yourself. What are your biggest achievements? Are you willing to relocate? Being a mechanical engineer, why do you want to join an IT Company? Do you have any question for us?
23	0200 Snehil Lohia	Tyfone Communications and Development	<ul style="list-style-type: none"> <li>- Explain your project</li> <li>- Walk through all the steps from request creation to response generation (frontend, controller, service, repo, db)</li> <li>- Difference between RequestBody &amp; RequestParam</li> <li>- What is session.flush()</li> <li>- How to handle exceptions in spring</li> <li>- Why did you use JWT in your project</li> <li>- What is polymorphism</li> <li>- Insertion sort</li> </ul>	<ul style="list-style-type: none"> <li>- Introduce yourself</li> <li>- What do you know about the company</li> </ul>	

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24	0114 Mirge Someshwar Diliprao	CDAC Pune	<p><b>1. Introduce yourself :</b> about you , education , college , family background , Projects a. What exactly you did in your college project ?</p> <p><b>2. JAVA :</b> a. spring boot application creation b. Dependencies used for application c. Database connection steps to Spring Boot d. Configuration files used e. What is @RestController f. What a controller does in rest api g. Does controller handle response part also h. Minimum java version required for spring boot =8</p> <p><b>3. DATABASE :</b> a. Delete VS Truncate ? b. Procedure VS Function ? c. Do we have to commit changes after Delete or truncate ? Truncate(autocommit) delete(needs autocommit) d. What are the types of keys in RDBMS ? e. Can a foreign key be null ?</p> <p><b>4. REACT :</b> a. How you created the application , how to share it and how you can deploy . b. Mention react lifecycle c. How you integrated front end and backend</p> <p><b>5. Algorithms</b> a. What is algorithm b. What are the parameters to check the performance of a algorithm . c. Take 2 min and then answer : i. We want to reverse the string without using the built in function . You can consider any language of your choice . Mention the number of steps required to complete the operation</p>		
25	0192 Shubham Kiran Patil	CDAC PUNE	project , basic oops concept, DBMS questions, adv java questions on project only		
26	0070 Gaurav Singh	Juniper Networks India Pvt Ltd	Basic java , spring DS questions ...linked list , Arraylist OS questions Networking Questions MySQL query	In HR round he explained salary break...no questions asked	
27	0060 Dhakane Akash Vitthal	Juniper networks India pvt ltd	<p>Most of the coding questions will be asked String reverse , Palindrome, what is diff between java 17 and java 8? Architecture of java Second round : Implement Binary search tree OSI layers , How router works and all network related? Third round : Java 8 features Print hashmap using streams and lambda What if we remove angular brackets of hashmap? Again Code: // shopping basket = {7, 17, 9, 21, 3, 8, 2, 1} //this is product's prices array // on purchase of one item 2 free items //Calculate the minimum and maximum cost to empty the cart Make same for n free items What is subnet mask...</p>		
28	0039 Bhaladar Sohil Abid	Flextrade	<p>Data Structure and Algorithm complexity. BST, Linked List oops concepts, Dynamic method dispatch. I/O java, how read and write from and to a file. String handling Networking, Multithreading collections framework, purpose of different interfaces and classes</p>		

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29	0111 Manoj Kumar	Coupa	<p><b>1st round...</b></p> <p>1. Given 2 arrays, create a third array of elements from 1st array which are not present in the 2nd array and elements from 2nd array which are not present in the 1st array.</p> <p>2. Implement stack.</p> <p>3. How would you go about designing a database for ipl. I roughly thought of 3 tables, Teams, Players and Matches. Then I was asked to write a query to find the number of Matches a particular player had played.</p> <p><b>2nd round...</b></p> <p>1. In a given array, find the longest sequence of elements which are in ascending order. Eg. In Arr[0, 1, 2, 1, 4, 6, 7, 8, 11, 2, 4] the longest ascending sequence would be 4, 6, 7, 8, 11.</p> <p>2. In a given array print the number of times each element has appeared.</p> <p>3. If a database column contained integers, write a query to print each number and the number of times it has appeared in the descending order of their appearance.</p> <p>4. For what kind of data we should use mongodb and for what kind of data we should use rdms.</p> <p>5. How can we make read operations faster. The answer was indexing. And then asked drawback of indexing too much. Which was, it would make write operations slow.</p> <p>6. Talked at length about dependency injection.</p> <p>7. How would you go about unit testing.</p> <p>8. If you only wanted to test one layer without testing the layers it was dependent upon? The answer was mocking the layers. Like mockito framework in java.</p> <p>9. SOLID design principles.</p> <p>10. How to pass state in react? Answer Redux.</p> <p>11. What is a container.</p> <p>12. What is spring framework.</p> <p><b>3rd round...</b></p> <p>Sorting algorithms.</p> <p>Explain merge sort, quick sort and counting sort. Their time complexity. Where you should and should not use each one.</p> <p>Binary search.</p> <p>An sql query with three inner joins was given. They asked me about the execution strategy of sql engine.</p> <p>Why you should avoid too much indexing on a database.</p> <p>Knapsack problem.</p>		
30	0015 Akshay Gajanan Kulat	Coupa	<p><b>Round 1 - 25 min</b></p> <p>1. Tell me about urself other than what is in resume</p> <p>2. Why cdac?</p> <p>3. What is your favorite subject in cdac</p> <p>4. What is graph where is it used in real life</p> <p>5. Types of errors</p> <p>6. How to connect backend to database</p> <p>7. Have you implemented any data structure</p> <p>8. Tell me which language/technology you learnt other than cdac course</p> <p>9. What if you have to work on other languages which you haven't learnt</p> <p>10. Where do you see yourself in 5 yrs</p> <p>11. Explain SDLC</p> <p>12. Explain Inheritance</p> <p>13. Any questions for me</p> <p><b>Round 2 -40 min</b></p> <p>1. What were you doing after graduating in 2017?</p> <p>2. Why Mechanical to IT?</p> <p>3. Have you done any project where any DS is used? (I explained 'tries' based search filter/Autocomplete that I had implemented, so next some questions were about that.)</p> <p>4. How will you design whatsapp like app? what tables will you make</p> <p>5. If you make a table for messages of each user will it be scalable?</p> <p>6. Tell me about your CDAC project, what tables were there</p> <p>7. Write query for getting prime time slot - most used timeSlot for booking ( my project was games booking system and in that each game have time slots)</p> <p>8. More question on project tables structure</p> <p>9. Have you done any concurrency control in project ?</p> <p><b>Round 3 -40 min</b></p> <p>1. Tell me about your cdac journey</p> <p>2. Which two methods need to be implemented/overridden for using it as key in hashmap</p> <p>3. What is the contract between hashCode() and equals()</p> <p>4. Ways to handle collisions in hashmap</p> <p>5. Which sorting algorithms have you learnt</p> <p>6. If you have to sort an array of 100000 unsigned numbers of 16 bit, which sorting algo will you use and why?</p> <p>7. Explain merge sort</p> <p>8. What is its time complexity? How?</p> <p>9. Worst case time complexity of merge sort explain how?</p> <p>10. Explain quick sort how it is different from merge sort</p> <p>11. Its avg and worst case time complexities (interviewer helped me to arrive at it)</p> <p>12. How OOP helps in software development? what is its advantage</p> <p>13. Any questions for me?</p>		

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31	F0220 Vibha Vijay Gramopadhye	Coupa Software	<b>Round 1:</b> 1) Introduce yourself 2) OOP Basic Principles - Encapsulation, Inheritance, Abstraction, Polymorphism 3) What was your approach/thought in designing your project? 4) SQL Query related to project (a type of join query) 5) Different types of joins and which one would you use in which situation 6) Which type of relations did you use between tables in your project and why (many-to-one in my case so what is advantage of it?) 7) What are exceptions? Exception hierarchy? Try, catch, finally meaning? What is System.exit()? Use of System class? 8) Different access specifiers? 9) this and super keywords in Java 10) Any questions for them? <b>Round 2:</b> 1) What is your project? 2) Which technologies did you use in your project? Which parts did you work on? 3) Questions about React specific to my project (how certain features were implemented and walkthrough of the working) 4) What is Axios? 5) What is Cross Site Request Forgery? How to prevent? 6) Props vs Context in React 7) Given a choice which parts of a project would you enjoy working on (frontend or backend)? 8) What is SQL injection? How to prevent? 9) Any questions for them? <b>Round 3:</b> 1) Brief Introduction 2) I said my strength was that I never give up, so I was asked if I faced any tough situation in project where I had to use this strength? 3) Different ways of sorting? Their time complexities and in which situations would you use each? When would I prefer each? 4) When would I use Merge Sort over Quick Sort since both seem so similar? 5) Any sort better than Merge, Quick, Insertion, Selection, Bubble? 6) Treemap internal working in Java? 7) Hashmap internal working in Java? 8) Different ways to deal with collision in hashing? 9) In which situation is Linear/Quadratic probing preferred over Chaining method for collision handling in hash table? And vice versa? Their time complexities? 10) A random SQL join query was given joining 3 tables, so I was asked to evaluate its performance in terms of time complexity. And was asked how it could be improved without changing the query itself. 11) Any questions for them?	Introduction, Strengths (and how it was useful in project)	NA
32	0113 Mayur Prakash Pimpale	Coupa	<b>Round 1</b> Write SQL query for counting the number of employees with same first name. Write SQL query for displaying the employees details with Nth largest salary. Write SQL query for displaying records from 11 to 20.(you have a total of 50 records) Explain OOPs concept. Diamond Problem. How to implement Multiple Inheritance in java? Explain your project. <b>Round 2</b> Write a program to display the number that occurs the most in an array along with its count. Write a program to find the first missing positive integer(>0) in an array. Given an array an integer N. Write a program to rotate the array(right or left) based on the given integer. Write a program to find an element in an array such that the sum of sub-array to the left of it and sub-array to the right of it is equal. What is Queue? How many sorting algorithms do you know? Explain QuickSort algorithm using psuedo code. Write a pseudo code explaining the basic methods of queue. Difference between Join and Subquery. When to use? What are threads and process? What is an OS? Write a linux cmd to display the count of a word in a text file. <b>Round 3</b> Explain your project and your role in it. What is JWT? Difference between JWT and session cookies. How have you implemented abstraction in your project. Some project specific questions. Write a program to sort an array consisting of 0s and 1s.		
33	0160 Priyaansh Dwivedi	Cdac pune	Jvm jre Diff Delete drop truncate What is Server Dependency injection Spring boot and spring difference Normalization 1 and 2 degree explain. Sql Data can be exported or Imported? Command to know the size of database Collection and collections difference between class not found exception and noClassDefFoundError what will you use at serval side when you want java arch. jdk or jvm what is indexing .. internal working of it. can you delete primary key column from the table	Tell me about yourself Would you mind traveling.	
34	0073 Gulshan Shamlal Lulla	Tyfone	Hashmap, spring annotations and basic, core Java collection framework and threads	Introduction, project	N/A

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35	0169 Ritwik Ranjan	CDAC PUNE	<p>Normalisation forms Indexing View Trigger Stored procedure &amp; function Joins <b>Jdbc:</b> Statement Prepare statement Called statement SQL injection <b>Spring boot :</b> Entry point of spring boot application. RestController and it's annotations. Whitepage error in spring boot. All pojos annotations. What is multithreading ? <b>Algorithm</b> Given a sorted array of 10 elements how to unsort it so, each time we get unique values</p>		
36	0084 Jaiswal Saikumar Shival	FlexTrade	<p>oop's concepts with demo programming, completing the partial code, internal implementation of hashmap and hashset and time complexity of different methods, multithreading, how java implements synchronization, reverse numbers present in stack, delete occurrence of given element from static array.</p>	Introduction, why you joined cdac.. about cdac.	
37	0031 Ankur Singh	Cdac Pune	<p>What is your role in project? Deep functionality of project? Many Questions related to Spring framework Difference between like operator and regex? Heap table in SQL? Types of Transaction management? Difference between Hibernate and JPA? What is session explain? To add foreign key and primary key constraint on two table at runtime? Which are modifiable static, const, final variable? Explain heap with it's different operation which we can perform and heap sort? Questions related to Hashing</p>		
38	0072 Gawade Omkar Balasaheb	Deutsche India Private Limited	<p><b>Introduce</b> Explain threads Where u used thread What is jpa Explain hibernate over traditional method. Diff between spring and spring boot Why springboot What is optional class New feature introduced in java 8 Bean scopes Stream Api Serialization and how to do it <b>Types of joins</b> Diff between rdms and nosql Memory management in java Main,static method ,static variable loading sequences Explain Dependency injection and IOC container Method to inject dependency Diff between error and exception Exception hierarchy Explain exception with example Maven dependency loading sequence ... Collection hierarchy All diff in hashtable, hashmap, hashset, Internal working of all set interface</p>	<p>-&gt; Tell me something about yourself -&gt; What do you know about Deutsche Bank and Why you want to join us ? -&gt; Why IT as u r from mechanical -&gt;what is u r role in project -&gt;how u mange u r difficulty in projects -&gt; Why did you opted for CDAC after graduation ? -&gt; Are you willing to relocate to pune immediately -&gt; Explain a situation which u handled very effectively in u r personal or educational life</p>	



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39	0108 Malviya Hrishikesh Yogendra	Coupa Software India Pvt. Ltd.	<p><b>"Round 1:</b></p> <ol style="list-style-type: none"> <li>1. Introduce yourself?</li> <li>2. What you don't like in java? // I said Streams</li> <li>3. Why you don't like streams?</li> <li>4. How to reverse the string? // Explained various approach.</li> <li>5. How you will check particular input? giver by the user is int?</li> <li>6. How you will get your name from the String?// for example 0108_Hrishikesh Malviya get o/p as Hrishikesh Malviya</li> <li>7. How you will validate email id, phone No?</li> <li>8. What is first thing you see in the UI/UX page?</li> <li>9. How you will test the front end? // using selenium Some question on selenium?</li> <li>10. How you will test the backend functionality?</li> <li>11. How you managed your project Version?// GitHub</li> <li>12. Git basics:- switch branch , how to commit, how to resolve conflicts if 2 person working on same file.</li> <li>13. What is cursor in SQL?</li> <li>14. Alternative to the cursor?</li> <li>15. Query for auto increment, insert multiple rows at a time.</li> <li>16. Any question for him?</li> </ol> <p><b>Round 2</b></p> <ol style="list-style-type: none"> <li>1. Find maximum from array</li> <li>2. Given 3 some snippets.</li> <li>3. About SDLC</li> <li>4. Given requirement build the Amazon clone using SDLC? Design database?</li> </ol> <p>Explain each phase what you will do in detail?</p> <ol style="list-style-type: none"> <li>5. Some question about testing?</li> <li>6. What is your project name?// Just name</li> <li>7. Different States in threads life cycle?</li> <li>8. Any question for him?</li> </ol> <p><b>Round 3</b></p> <ol style="list-style-type: none"> <li>1. Introduce yourself..</li> <li>2. Explain your academic project? // I diverted to algorithms</li> <li>3. What is traveling salesman problem?</li> <li>4. Which algorithm will you use? // Dijkstra's</li> <li>5. Dijkstra's algorithm flow of Dijkstra's? //Explain on whiteboard</li> <li>6. Alternative to Dijkstra's? //Bellman ford</li> <li>7. Difference between both?</li> <li>8. Given an array sort it using your own algorithm. // unable to answer</li> <li>9. List the sorting algorithm?</li> <li>10. How quick sort works, which approach they use, Time complexity and space complexity?</li> <li>11. How merge sort works, which approach they use, Time complexity and space complexity?</li> <li>12. Why quick sort is effective than merge sort?</li> <li>13. How to implements count sort, time complexity of count, when to use count sort?</li> <li>14. Given SQL query explain flow of query?</li> </ol> <p>Select * from student  inner join curriculum on curriculum.student_id = student.id  inner join courese on courese.curriculum_id = curriculum.id  where curriculum.marks &gt;= 8;  How many column count will be there in the temporary table of above query?  optimize the above query.</p> <ol style="list-style-type: none"> <li>15. Explain index in SQL? types of index? How it works? in the above?</li> <li>16. Any question for him?</li> </ol>		
40	F0003 Aashu Khare	Coupa	<p><b>Round 1 (Sir said that in this round he will test my basic knowledge/base concepts)</b></p> <ol style="list-style-type: none"> <li>1. Tell me something abt yourself that isn't mentioned in the CV.</li> <li>2. What is your strongest/weakest programming language. Proceeded to ask questions on the weakest language mentioned.</li> <li>3. What is a pointer? What is a null pointer?</li> <li>4. What is pass by value and pass by ref? Where is it used?</li> <li>5. What are the types of garbage collection? How would u force JVM to garbage collect an object. I said System.gc() but it's a suggestion. He said no, there's another better way.</li> <li>6. What is the difference between compiler and interpreter?</li> <li>7. Why is Java called platform independent?</li> <li>8. Differences between process and thread?</li> <li>9. If you have to do 70 file writing operations simultaneously, u would use process or thread? Why?</li> <li>10. What is an interface?</li> <li>11. What is SDLC?</li> <li>12. Write SQL query for finding the details of employee in emp table with 5th highest sal.</li> <li>13. What what your approach in designing the database?</li> </ol> <p><b>Round 2:</b></p> <ol style="list-style-type: none"> <li>1. Tell me about your B.Tech Final year Project (ECE branch). Told me he was from electronics branch as well. Proceeded to ask a bunch of questions about the project. What did u use? Why did u use this and not that etc..</li> <li>2. Made a table with multiple columns.</li> </ol> <p>Told me to guide him through to design the database from this table to make it more efficient. Told me to take my time. 3. Explain recursion. Where will you use recursion? What if u don't give proper termination condition?</p> <ol style="list-style-type: none"> <li>4. Explain try catch. Where do u use finally?</li> <li>5. What is REST? Explain REST architecture in detail. How did you use REST in project?</li> </ol> <p>Explain all GET POST PUT DELETE with examples.</p> <ol style="list-style-type: none"> <li>5. Any questions for him?</li> </ol> <p><b>Round 3</b></p> <ol style="list-style-type: none"> <li>1. Asked me to open notepad and explain how Runtime Binding works.</li> <li>2. Write a program to find 2nd max integer from an array in single iteration.</li> <li>3. You have 5 boxes, 4 boxes with 10g balls and 1 box with 9 gm balls. You have a digital scale. How will you find the box with 9g balls with the least use of the digital scale.</li> <li>4. What is your greatest achievement as per you?</li> <li>5. What is your greatest weakness?</li> <li>6. What did you do in the pandemic period?</li> <li>7. Any questions for him?</li> </ol>	<ol style="list-style-type: none"> <li>1. Tell me something abt yourself that isn't mentioned in the CV.</li> <li>2. What is your greatest achievement as per you?</li> <li>3. What is your greatest weakness?</li> <li>4. What did you do in the pandemic period?</li> <li>5. Any questions for him?</li> </ol>	

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41	0009 Ajay Singh	Honeywell	Introduce Yourself in brief after he asked how you will build a Trading app,difference between HashMap and concurrent HashMap, internal working of hashMap, what is HashTable, How to sort HashMap<String,Integer> on basis of its Value (Integer),what is singly LinkedList, how to reverse LinkedList, 2nd highest Salary of Employee, what is finally Keyword, what will be the output of given Try Catch Finally snippet, difference between vector and ArrayList in java, what is polymorphism, and what will be output of code related to polymorphism, what is @autowired annotation..	No HR round	
42	0229 Yash Patodkar	Fortinet	Basic oops concepts Threads Processes Program to remove duplicates from linked list Program to print substrings from a given string :- the substring should start with 1 and end with 1 Eg. IP:- "10101" OP:- ["101","10101","101"]	Why switched from mechanical	
43	0109 Manas Miglani	Coupa India Pvt. Ltd.	<b>Round 1</b> * Explain Project & Inspiration Behind it. * Explain OOPS * Basic SQL queries with DISTINCT & GROUP BY keyword * Explain JWT ? Why JWT? * If you don't use JWT ? what will be your approach to apply another security options? * what are views? * what is final keyword? <b>Round 2</b> * Explain Project and features. * Design database for students and class. * SQL queries related to the above database (LIMIT , OFFSET , JOIN & sub queries) * Why use React in project. * what are props. * what are indexes. * what is "this" keyword and its use. Create a constructor and use this in it. * what I need to do if I don't want to use this keyword in constructor.(local variable vs instance variable) * what is JWT? * what you used to call api's from frontend. * what headers you set in header of request in frontend. * Program for string tokenization and find palindrome in a string? <b>Round 3</b> <i>#Note :this round is not like direct question and answer instead its like a deep discussion</i> <i>#he put me in multiple situations for every question</i> * Explain Project & Inspiration Behind it. * what will u use in toString() from StringBuffer and StringBuilder and why? * Discussion on Synchronization when to use it what it does? * you have an array of Unsigned 16 bit integers of length 100K, what algo you use to sort it? I choose merge sort , explain it, explain its time complexity , then he asked me to optimize it he also gave me hint for optimization[Optimized ans : count sort] * Questions on Hashing, collision and HashMap. * questions on linked list and stack.		
44	0029 Ankit Kumar Gupta	Fortinet Technologies India	<b>1st round:</b> Introduce yourself? Explain Your Project? Write a Program to find frequency of character in String? Write a Program to remove duplicate character? Which is Linked List? Pros and Cons Of Linked List? <b>2nd round:</b> Introduce yourself? Explain Your Project? Write a program to highest from a List of numbers? Write a program to 2nd highest from a List of numbers? Where we can use Integer Class Type and Primitive Data Type "int"? Is Java Fully Object-Oriented Programming?		
45	0233 Shubhanki Jaiswal	FORTINET TECHNOLOGIES	<b>FORTINET FIRST ROUND :</b> Brief Introduction abt yourself,Question related to your project(Know each and everything thoroughly from frontend to backend flow),Polymorphism with real time example,basic oops concepts,questions about handling multiple transactions in your project ,Multithreading,Thread vs Process,Race condition and How to avoid race condition, and Rest api's ,why rest api,why mysql used in your project, different types of joins. 1. WRITE A PROGRAM TO FIND LARGEST AND SECOND LARGEST NUMBER IN INTEGER ARRAY. ALSO EXTEND IT TO FIND SMALLEST AND SECOND SMALLEST. 2. WRITE ALSO TEST CASES TO RUN THE ABOVE FUNCTION. any Questions u want to ask? ---GENERAL QUESTION ASKED BY EVERY INTERVIEWER <b>SECOND ROUND:</b> Requires deep knowledge in your project ,why spring boot used as backed, what does " Boot " signifies in spring boot. Spring vs Spring Boot,transaction handling of handling of multiple customers booking the same seat at the same as my project is "movie ticket management system. What is singleton class ,Can constructors be overriden ,can private method be overriden.Can u override the main class. Polymorphism in real life 1.Data Structures u have implemented yourself. Write a code to remove the duplicate elements in linked list. 2.write a program to find the substring in "n" size string .Also find the formula for it.(without using inbuilt function.) 3.program to find the MOD in given integer array without using inbuilt function. Also ,can u optimize your code to reduce the time complexity. Another approach for writing the above code basically they want to know if u can implement in data structure. JDK VS JRE, compiler is part of which :jdk or jre .Then he shared his screen and asked about wht is binary search tree and asked me to find the output of given tree in post traversal. <b>any Questions u want to ask? ---GENERAL QUESTION ASKED BY EVERY INTERVIEWER</b>		

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46	0046 Chandra Darshan Agrawal	CDAC Pune	<p><b>Interview-1</b></p> <p>react redux router jsx props state hooks useState component axios</p> <p>final finally finalize() why static in main() how to override main override() how to access main() without static collection - array list, vector thread safety access specifier string pool string vs string builder jdk jre jvm and what are they use for in java spring mvc vs spring boot how you will link two backend with one frontend spring security access token</p> <p>Asked about hands on exp on different operating system process thread</p> <p><b>Interview-2 (on dot net)</b></p> <p>client and server side state management filters in linq bundle global.asx web.config linq for first and firstOrDefault string vs string builder event in global.asx app_start entity framework why do first why code first what are the return types avail in return of controller which deals with data in mvc can you return json from view how will you return the data to view web api serialization transaction management which is better linq or sql how to get the data through linq without having relational mapping nullable types mve architecture how to bind view with controller Connection string is inside which file? and what tags are required. failfast behaviour</p>	No	No
47	0203 Srikant Jha	FEV India Pvt Ltd	<p>Code : check whether brackets are closed Process vs Thread Are you comfortable in C++ ? Virtualization IPC mechanism Docker</p>	NA	
48	0141 Parag Vilas Gaonkar	FEV India pvt. Ltd.	<p>1. Introduction 2. Write a C program to convert Decimal no. into Hexadecimal 3. Most of the questions on project (Frontend to Backend flow etc.) 4. Copy constructor 5. Virtual function in java 6. OSI layers 7. Microservices 8. Servlets</p>		

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49	0205 Subodh Dewangan	FEV India Pvt Ltd	Mostly question were asked from Os and c++ and 2 dsa question asked me to explain my BE project (its was a c++ project) 1)what is process 2)difference between process and thread 3)what is semaphore 4)Explain ipc mechanism 5) some basic command and their use case 6)difference between c++ and java 7)difference between pointer and reference 8)what is structure and how is it different from class 9)what is virtual and pure virtual 10)what is inline function 11)what is friend 12)what is polymorphism and also asked me to explain compiler time polymorphism and runtime polymorphism 13)some DSA logics 14)question related to stack 15)question related to linked list		
50	0092 Kaustubh Narayan Mahajan	FEV India Pvt Ltd	Explain both the C codes(two C Codes were given ). What is Thread ? What is Process ? Understanding about Operating System Linux. Tell me about your CDAC Project Your role in CDAC project technologies used in CDAC Project(frontend and backend) Tell me about your Final Year B.E Project Your role in B.E. project technologies used in your final year B.E. project	No HR Round was Conducted	
51	0057 Desai Abhishek Tanaji	Honeywell	Project Details, ReactJS, Differences between Functional Components and Class Components, binding in react, React lifecycle, render, dynamic dom, javascript questions, file io. In java abstract class, String Builder vs stringBuffer, collection framework, error vs exception. Servlet , types of servlet , generic and http servlet difference and methods, JSP , jsp tag, redirection in jsp, MVC, design pattern, problem solving techniques. Database joins, views, indexing.		
52	0118 Nangare Darshan Ramesh	cdac pune	1.Sql query for list top 10 employees by salary 2.forward vs redirect 3.version control system used for project 4.Stack functionalities 5.what is parameterized query 6.es5 vs es6 7.how to create form 8.tree vs graph 9.hashing vs encryption 10.Login process in your project 11. Validations in project		
53	0178 Samridhi Shrivastava	Bajaj Auto	1.Project explanation with detail (cdac project and college project- PROPER DETAILS) 2. 4 features of oops? 3. Types of polymorphism? 4. What is mutex?	1. About yourself 2. Places where you have travelled and the best out of all ? 3. Why do you want to work with us?	
54	0171 Rohan Sharma	Bajaj Finserv	1.python related questions 2. Pseudocode provided have to guess the output 3. Coding question(hackerearth question(Powerful number))	1. Difference between UI and UX 2. Talked about project 3. What are the features that is present in your project but not in the market 4. How will sell your product(project) 5. Asked about family members	MySQL
55	0002 Abhinav Gupta	Bajaj Finserv	Project related questions , flow of project internal, annotations used, diff b/w comparator and comparable, exception hierarchy, collection hierarchy, different type of collections, internal of hashmap, Prog1- how to read text file from a folder and determine no. Of occurrence of each words present in each line of string( i used hashmap and file handling objects ) Prog2- palindrome string Then asked to do prog 2 in string.length()/2 iterations Sql basic commands, diff b/w primary key Nd foreign key, Prog3- palindrome number Collision handling from ads.		

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56	0149 Patil Shweta Arjun	FlexTrade India Pvt Ltd	<b>Round I:</b> 1. Tell me about yourself 2. Explain polymorphism with example 3. Explain virtual function with example 4. Call by value and Call by reference 5. Linux commands: sed, find, awk 6. Explain STL in C++ with example 7. Constructor and its types. 8. Command to check memory used in Linux. <b>Round II:</b> 1. Write a program to find non repeated value from array of integers 2. Write a program to find country code from a set of space separated strings->(App US, abc tc IN, lts vt EU) 3. Write a Linux command to replace all occurrences of ab with xy of file1.txt 4. What is output of given snippet(3-4 questions). 5. Explain concept of calloc(), malloc() 6. Usage of destructor in C++. <b>Round III:</b> 1. Difference between C++ and Java 2. How to insert line numbers in vi editor 3. Write a program and explain concept of inheritance in c++ 4. 2 puzzles 5. How to kill vi editor process without exit from editor 6. Write a linux command to delete content of line number 5 to 10 without opening file 7. Explain internal memory structure in java - heap, method area, garbage collection etc. 8. Use of find, df, ping, telnet command 9. Rate yourself in C++.		
57	0221 Varun Pravina Nare	Coupa	Search in unsorted array Search in unsorted matrix Search in sorted matrix Design Employee management system Questions on final year be project Spring annotations Model object ModelView object Questions on hibernate architecture Design a database for blogging website Spring MVC architecture and flow Centralized exception handling in spring Design a hashmap Sort an array of 16 bit integers efficiently Explain quick sort and improve its efficiency	Tell me something about yourself	NA
58	0065 Falguni Shrivatchalanchan Ghate	FEV India pvt. ltd.	1.Introduce yourself. 2.Tell about your CDAC project. 3.Explain Virtual functions and Abstract classes. 4.Explain runtime polymorphism with real time example. 5.Explain the functioning of all the basic data structures like Stack, Queue, Linked list. 6.Write code to find the only element in the array which is not repeated. 7.Write a code to check for balanced paranthesis.		
59	0182 Sawant Vinit Gopal Krishna	Mavenir	Constructors in java. Pillars of java and explain each one of them briefly. How is encapsulation different than abstraction. Overloading and Overriding. What are exceptions in java examples of checked and unchecked exception. Explain collections briefly. When to use which collections. Which data structures you know Difference between stack and queue and methods involved. Algorithm to find mid of the linked list. Why did you use MVC in project. What is container in MVC. What is IOC and ways to inject dependency. Version of spring boot used. Version of java used. New features introduced in the version you used.	Tell me about yourself. As you are from Electronics why did you switch the field	
60	0119 Naveen Antony	Datametica Solutions	-started with oops concepts, explain all -how do we achieve abstraction in java -diff between abstract classes and interfaces (he spend some time here) -why do we need abstract classes, when we can do same thing with normal classes -what is a tree datastructure -diff b/w bst and tree -diff between tree and graphs, in social media like twitter, which structure is used mostly -how will u insert a node in binary tree -what are the diff sorting algorithms -what are their time complexities -when to use which sorting method -what is a stable sort, is bubble sort stable? -working of hashmap -what is a prime number? -write a program to print prime numbers in given range -sql queries using "like" -what are aggregate functions? asked a query related to that -diff between having and groupby clause	-what were you doing after 2019 after BTech? -which all companies interview have u appeared so far	-why were u not able to clear the previous interviews and tests?(HR)

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61	0198 Siddharth Singh	Renishaw	<b>Project description and some questions related to project.</b> <b>Java</b> 1. Pattern program to print triangle with odd stars. 2. Pattern program to print 3-level Christmas tree. 3. Difference between Structure and class 4. Difference between interface and abstract class 5. Polymorphism in Java 6. String class (everything about string, storage, memory allocation), stringbuilder and stringbuffer. <b>DSA</b> 1. Your favourite data structure and why 2. What is linked list 3. Linked list implementation and how will you insert node in between (in both singly and doubly linked list). 4. Implement queue, then stack using queue.	Tell me about yourself. Project description and some non technical questions related to project. Why cdac? Why did you left your previous job? How did you keep yourself updated with latest technology news and usages? What are your strengths? Tell me about your cdac journey. How cdac conducts the courset(no of modules, class timings, test patterns and all). Family background (Family members and their occupation). Any plan for higher studies? Why would you like to join our company? What is the thing that excites you to join our company? Have you ever lived without your family before? You gave 3 interviews today, so would you choose us to work with or do you want to go with some other company? In how much time you can relocate?	
62	0183 Shagun Chaudhary	Honeywell	<b>Complete Project Flow</b> <b>React :-</b> Difference between class and functional components Components Lifecycle Benefits of Axios How to call different api's using axios ? Different status codes How did you manage session ? <b>Spring :-</b> Spring MVC Flow What are the annotations that u have used in your project ? What is Spring Bean ? Singleton vs Prototype ? <b>MySQL :-</b> what is view ? View vs Procedure One spring jpa query and alternative hibernate query ? one question of procedure <b>JAVA :-</b> Basic OOPS		
63	0138 Pankaj Balwantrao Inamdar	Mavenir	Write a pseudocode if two strings are given return true if all the letters of first string is in the second string. How to check if linked list is having a loop ? Oops ? Explain Polymorphism.		
64	0055 Deepanshu Rawat	Verifone	Virtual Dom in React JS Difference between == & === Grid in bootstrap Responsive design Inline css Cache storage and local storage Doctype in html Ask 2 coding problem 2 output related questions UseState Hook Rest API and Session API Some Node js related questions		
65	0038 Bhagyashree	DataMetica	1. write code for add element in linked list and for retrieval of element . improvise the code to get O(1) 2 create a class to create structure for binary search tree 3 exception hierarchy 4 difference between error and exception 5 what data structure to use to remove duplicate and maintain order of insertion 5 is there any class for checked or unchecked exceptions 6 difference between checked and unchecked exceptions 7 difference between having and where clause 8 types of joins 9 how we find out two trees are identical	1. Tell me about yourself 2. Where are you from 3. Are you Introvert or extrovert 4. In depth questions about hobby 5. Why Pune 6. Why there is gap 6. If you are given a tough problem how will you handle it 7. How many companies have you interviewed 8. In how many companies you are shortlisted after this interview. Any questions for us	

Sr. No.	Select your PRN & NAME carefully	Name of the Company in which finally placed	Interview Questions asked - Technical ONLY	Interview Questions asked - HR ONLY	Interview Questions asked - to other candidates - If you know about it, please mention here - TECHNICAL & HR
66	0214 Tushar	Mavenir	1. What is JAVA? 2. Core principles of JAVA 3. Explain all the features of OOPS in Brief. 4. Difference between HAS-A and IS-A relationship 5. What is Session? 6. What do you mean by Session Timeout? 7. Explain Collection Framework. 8. How you will decide which collection to use in project? 9. Which version of Spring Boot you are using in your project? 10. Where you have handled session in your project? 11. WAP to reverse your name. 12. Which all coding languages you know? 13. What is Reflection API? 14. How you are maintaining session in frontend part of your project? Can you explain? 15. Do you know Data Structures? What is it? 16. Explain LinkedList and their types. 17. Write logic to delete a node from singly linked list. 18. What is J2EE? 19. What is Servlet? 20. What is filter in Servlet? 21. Why you used Spring Boot in your Project? 22. Explain any MVC framework in which you are comfortable. 23. What is controller? 24. What is POJO? 25. Create an employee table in MySQL. 26. Write a pojo class for employee. 27. What is Entity? 28. Can we declare a class as private. 29. What is the need of default constructor in pojo class? 30. How you have connected Frontend with the Backend? 31. What is Axios? 32. What all spring modules you used in your backend? 33. What is primary key?	1. Tell me about yourself. 2. Why you shifted from ECE to IT?	
67	0032 Anuj Batra	Mavenir	Rate Yourself in Java on scale of 10 Threads in Java. Features of Java 8. OOPS Concept. String Builder and String Buffer. MicroServices. Subset of Sql. Primary Key and Unique Key.		
68	0008 Ajabe Tushar Shesharao	Datametia Solutions	<b>Core Java:</b> 1. Advancements made in Java 8 as compared to earlier versions. 2. Difference between Abstract class and interfaces 3. What was the need of introducing default methods in interfaces 4. Properties of TreeSet, ArrayList. 5. Which class from collections will you use if you want to maintain the order of insertion and allow no duplicates. --> LinkedHashSet 6. Hashing : What is hashing, how its achieved 7. Contract between equals() and hashCode() method. 8. HashMap internals 9. Explain how put method of HashMap works internally if the key is already present in the map and we are trying to insertion new record using same key. 10. Are ArrayList and HashMap synchronized. 11. How can we get Synchronized ArrayList and HashMap. 12. Difference between concurrent map and synchronized HashMap.  <b>Advance Java:</b> 1. What are different scopes of Bean in Spring. Explain each in brief. 2. What is IOC (Inversion of Control).  <b>MySQL:</b> Query to display the count of identical records from the given table. Condition : count should be greater than 1. Answer : SELECT id, name, salary, count(*) FROM emp GROUP BY id, name, salary HAVING count(*)>1	1. Introduction 2. What did you do since you passed out. 3. Why did you do cdac. (Why do you want to switch your domain). 4. Which company interviews you appeared for in CDAC from the start of your placement. 5. Do you have any questions for me.	
69	0181 Saurabhsheshank Sachchidanand Sinha	Mavenir	Introduction, All about project and Spring framework.	Relocation, Experience if any.	

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70	0222 Vinita	Innominds	<p>Given a situation you have a class A having private member count= 5 Class B is extending class A and have a method to increase count While doing so what will be the output and if there is an error what are the different ways to resolve that error</p> <p>Write a program to print Armstrong number If you know any server side technology write a web server and controller which will take input from the program that is getting an Armstrong number and save its output there Arguments were in form of key and value pair Difference between view and table What is state in react How to pass values from child to parent in react What are the http methods of restful services What other languages you know Explain project done in cdac What is abstract class have you implemented that in your project Explain difference between method overloading and overriding give real time example of that Have you implemented that in your project Have you implemented any association or aggregation in your project if yes than explain What is a constructor Can i create more than one constructor in a class Have you used this in your project Is it necessary to create a constructor Why you used spring data jpa not hibernate What were your roles and responsibilities in the project Explain the algo of binary search Explain the algo of inorder traversal of bst You know sdlc explain agile Any continuous integration tool you know Explain Jenkins Explain difference between call by value and call by reference Can we use call by reference in java Explain pointers If I have a variable B and a pointer A having address of variable B stored in it If I delete A what will happen In designing the UI of your application what tools have you used How many tables were there in your project Were there any many to one relationships in your project What was the response time of your project if I send a request What is inner query and join and what are differences between them</p>	<p>If given an option what will you choose to work on frontend or backend Why there is a gap of so many years after your graduation What are your long term goals as in what you want in life Are u a fresher Graduation background Why chosen IT He asked - can I ask some analytical thinking questions Than given 2 such questions 1. A jar having only 1 mark at 3 ltrs and is full with water Second jar having 1 mark at 5 ltrs and is full with water There is a third jar having unlimited capacity and have no mark on that i want to fill it to 4 ltrs how can i do that 2. Suppose you are a pizza delivery girl and your delivery company has given u a scissor Why the scissor is given</p>	
71	0193 Shubham Pol	Mavenir	<p>Introduction, about project, how your project is different from others, role in the project, Collection interface, array list, hashmap internals, hash set, fibonacci series coding with recursion and non recursively, null keyword, how to declare variable in javascript, some question from reflections, linked list insert element logic, == and === difference in javascript, Spring boot annotations, tree and graph difference,</p>		Introduction, Rest APIs, node js question, Jwt
72	0054 Deepanshu Rautela	CDAC Pune	<p>I was asked to introduce myself, my current and academic project, skills, technology used in the projects. Q. What is redux? Any alternatives to redux? Q. What is a singleton class? Give any example of a singleton class. Q. What is IOC and DI? Q. How are you storing the password in the database? Basically wanted to know if the password was being hashed in the backend before storing the password. Q. Is SessionFactory thread safe and synchronized? Q. What is JSX? Can I use JSX in the browser?</p>	No HR round was there	



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73	0007 Aditya Sanjay Patil	Mavenir	<p>- Tell me about yourself</p> <p>- Basic JAVA</p> <p>-Why string are immutable in JAVA ?</p> <p>-What is polymorphism ?</p> <p>-What is function overloading ?</p> <p>- Spring MVC flow</p> <p>- What is collection framework in JAVA ?</p> <p>- What is set ? with Real life example.</p> <p>- What is List ? with Real life example.</p> <p>- Internal working of the HashMap</p> <p>- Project</p> <p>- Annotations used in the project</p> <p>-</p> <p><b>Let's assume a class</b></p> <pre> Person{     int age;     String name; } inside main -&gt;  List &lt;Person&gt; l1; Let's assume the there are 5 objects of Person in the list l1. Sort the list on the basis of the age and name.  <b>My Ans Was:</b>  class Person{     int age;     String name;      public Person(int age, String name) {         this.age = age;         this.name = name;     }     public int getAge() {         return age;     }     public void setAge(int age) {         this.age = age;     }     public String getName() {         return name;     }     public void setName(String name) {         this.name = name;     } }  @Override public String toString() {     return "Person{" +         "age=" + age +         ", name=" + name + "\n" +         "};     } }  public class Mavenir {     public static void main(String[] args) {         List &lt;Person&gt; l1 = new ArrayList&lt;&gt;();         l1.add(new Person(28, "Akshay"));         l1.add(new Person(25, "Aditya"));         l1.add(new Person (25, "Zui"));          Collections.sort(l1, (t1,t2)-&gt;{             int result = ((Integer)t1.getAge()).compareTo(t2.getAge());             if (result == 0){                 return t1.getName().compareTo(t2.getName());             }             return result;         });         l1.forEach(t1-&gt; System.out.println(t1));     } } </pre> <p>//So focus on the Core Java and Collection Framework, Project and basic oops concepts</p>		

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74	0153 Pranjal Nivrutti Aher	Bajaj Finserv	1.Why we say Java is secure language? 2.How we use abstraction and encapsulation? 3. What is Polymorphism? 4.Difference between Runtime and compile time polymorphism? 5.Why string is immutable and tell memory management of string. 6. Show one code and ask for output. 7. Difference between Drop, truncate and delete. 8. Difference between DML and DDL. 9.Constraint syntax.	1. Tell me about yourself 2. How was API test?	
75	0143 Parshuram Vyankatesh Mahindrakar	Accops	Tell me about yourself What is Oops Write code to Explain oops Write code to find second largest number How to Print top view of tree What is API what is difference between get and Post When to use get and Post How request is processed What is difference between Cpp and Java <b>2 puzzles</b> 1. 3 box and wrong Labels 2. one cake and 8 pieces What are the challenges you have faced in previous job Database queries for Highest and Second Highest salary	Tell me about yourself, family, Biggest achievement, Strong points, weakness, why do you want join Accops, will you leave us in case you'll get better opportunity	
76	0021 Aman Gangwar	Mavenir	Some Springboot Annotations. JWT Authentication process. Decoding process in Tokens. MERN Stack Introductions. Stateless Behaviour in terms of request and protocols. What is pom.xml and what is inside it. Talking About Rest APIs and folw of APIs		
77	0154 Prashant Arjun Pawar	Mavenir Systems Pvt Ltd	OOPS related like explain INHERITENCE, few more use cases around the project. Two coding questions - One to find the 2nd maximum, 3rd maximum number in an array.Other coding question was count the length of the string without using the length function.I was asked to connect two tables in mysql databases using join.	Didn't have HR round	
78	0120 Navin Pratap Singh Rathore	Innominds	Project, Spring MVC flow, Types of jdbc driver, DDL DML, Index, Triggers, Functions, Types of joins, Tree Data Structure, Polymorphism, Inheritance, Compile time vs run time ploymorphism, Design Patterns in java, New Features in java 8, Functional Interface with example, Lambda Expression, Annotations		
79	0030 Ankit Kumar Pathak	Mavenir	Project Overview... What is Spring Security? What is NodeJs ? What is REST api ? HTTP methods...		
80	0016 Akshay Pandurang Dumbare	Verifone	Self introduction , CDAC project explanation , http methods , about react components , Name two technologies/languages you think are better in current scenario .		
81	0013 Akruti Ashok Das	Accops Systems	<b>OOP:</b> 1. What happens when you create an object of a class? 2. What is polymorphism? 3. Compile Time Polymorphism vs Run Time Polymorphism ? 4. What is static explain with example? 5. What is encapsulation? 6. Explain Interfaces? 7. Can an interface be implemented by multiple classes? 8. What is the difference between Abstraction and Encapsulation? 9. How do you achieve encapsulation in java? 10. What is the advantage of using JAR files? 11. Given multiple nested functions write a call stack for it. In which order each method will be called? 12. Can you call create an object of parent class and call that object with reference of the Child class? 13. Where instance variables are stored? 14. What is heap? 15. Why local variables reside in stack?  <b>DataStructures:</b> 1. Write a class for SinglyLinkedList. 2. How will you insert any object in this LinkedList? 3. Why do you use Generics? 4. Write Syntax for Generic SinglyLinkedList. 5. What if I only want to insert an object of a particular class or any subclasses extending this class in the linked list only? 6. Write a class for creating a Binary Tree? 7. How will you traverse this tree from bottom to top? Which datastructure will you use?  <b>Networking:</b> 1. What is OSI Model? 2. What is Address Resolution Protocol? 3. What is three way handshake? 4. A Browser, a network card and a router, in which different OSI layers would this components fit? 5. What is Http? 6. Http vs Https.  <b>Project:</b> 1. Explain your project. What was your role in the Project? 2. How did you achieve security in your project?  <b>Puzzles:</b> 1. You have 1kg cotton in one hand and one kg iron in another which one is heavy? 2. You have 10 coconuts, you have to arrange them in 5 lines, each line should have 4 coconuts? 3. You are driving a Bus, the bus has 15 passengers inside, you pick 20 people from andheri, drop 12 in Borivali, pick 17 from malad, then what is the age of the driver? 4. One Diagram related puzzle.	1.Tell me about yourself? 2.Family Background. 3.What challenges did you face during your project apart from technical difficulties? How did you overcome those? 4.What are your weakness? 5.What are your aspirations in life? 6.Why Accops?	

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82	0049 Chavan Niraj Chatrapalshing	Wolters Kluwer	React Routers Code for occurrence of All characters, code for Basic React page SDLC- Agile API debugging OOPS- Abstraction, Inheritance JS- function, promises		
83	0034 Ashish	CDAC TVM	Explain the CDAC Project, Explain it's functioning. Tell about the technologies used, What is MYSQL, Which type of database is MYSQL, What are web servers, What are web services, What is REST API, What are triggers???	Are you willing to join CDAC Trivandrum?	
84	0179 Sandesh Pandurang Naktode	VeriFone India	Round 1: Tech 1.Project Related Questions 2.Code Que i. Print the vowels count in a String li. Print the Vowels count without duplicate Vowels 3.Core Java related Que 4.Oops Concept 5.ExceptionHandling 6.throw and throws keyword 7.Checked Unchecked Exception 8.Set interface list interface diffrence 9.wrapper Class 10.MultiThreading	Round 2: HR Intro Why non-IT to IT Difficulties During Cdac project About Cdac Journey Long term goals etc	Front End Node Js And Data Structure
85	0020 Aman Dilip Chaurasia	Varian Medical systems	Mostly .net basics,java related questions, project related questions mostly,what was your part in the project,3 problem solving questions randomly based on DS		
86	0069 Gaurav Gupta	Flextrade	Round1-Linux general commands,networking commands. Os concepts deadlock race condition,cpp code snippets,2 3puzzles-pill related puzzle Round2-introduction ,cpp basic codes like constructor static non static,linux basic commands grep cat,string manipulation program Round3-complex number addition program on hackerrank Two three puzzles in every round	Location, willing to relocate	
87	0197 Shweta Kiran Kamble	Wolters Kluwer	1.Introduce yourself. 2.oops pillars. 3. Write code to find no. Of instances of class 4.about threads 5.about synchronization and applying locks. 6.types of inheritance. 7.what is singleton pattern. 8.regarding access specifiers. 9.The conditions were given to me to write mysql queries. 10.about autoincrement in primary and unique key. 11.one logical question.		
88	0216 Vaibhav Nivrutti Katkar	Renishaw	1) Tell me about yourself 2) What do you know about our company 3) Explain project in brief 4) Which languages you are comfortable with(company looking for C#) 5) What is OOP concept 6) Questions on Interface, Abstract 7) More questions on Inheritance 8) Datatypes in c# 9) boxing, unboxing concept 10) Write SQL queries for given scenario 11) Which data structure you use most in your project 12) Algorithms for searching. Which is most efficient - linear search, binary search 13) What is difference between Array and ArrayList 14) Write programming logic - return all days of week starting with same initial letter 15) write logic for sum of N natural numbers 16) Question on aptitude (average, geometrical measurement) 17) Questions on String output	1) Tell me about yourself 2) Till date, how many interviews you have attended? 3) Why switch to IT? (as I am from Mechanical branch) 4) What are your strength 5) What are your weaknesses 6) Tell me your Family background 7) If selected, till when you can join	"Project description and some questions related to project. Java 1. Pattern program to print triangle with odd stars. 2. Pattern program to print 3-level Christmas tree. 3. Difference between Structure and class 4. Difference between interface and abstract class 5. Polymorphism in Java 6. String class (everything about string, storage, memory allocation), stringbuilder and stringbuffer. DSA 1. Your favourite data structure and why 2. What is linked list. 3. Linked list implementation and how will you insert node in between (in both singly and doubly linked list). 4. Implement queue, then stack using queue. "
89	F0014 Akanksha Gupta	Verifone	What is npm? What is node js? How can you apply css? Why do you want to work with verifone? Output of 5+2+"3"?	Tell me about yourself? What do you prefer front end or back end.	
90	0025 Aniket Gorakh Metkari	Varian Medical Systems Pune	<b>IN 1st round -Tech</b> 1.introduction 2.Questions about OOPS concept explain each in detail and some Cross questions(scenario Based) to confuse 3.Question on Data Structure - i.which is performant Array or ArrayList ii.linear, non-linear data structures iii.some questions on stack -like methods and working iv.Tree data structure & its traversal types + explain inorder traversal. v.sorting algos & write psedo code of Bubble sort vi.height and depth of node in tree 4. SQL ACID properties + trigger cursor 5. JAVA JIT compiler 6. Exception handling in detail and cross questions 7. .net Basics CLR CTS & all  <b>IN 2nd Manegerial round</b> here also they asked questions on .net 1. what is nullable and some cross questions 2. questions and delegate its use and some cross questions 3. Reflection API and its use & cross questions 4. MVC introduction 5. winforms known or not	IN Manegerial Round HR questions 1. introduction briefe while going through resume. 2. why IT from mech 3. short term long term goal 4. Scenario based question on leadership 5. after some tech questions technology preference and some general questions	

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91	0063 Dinkesh Gangadhar Mahajan	Wolters Kluwer	<b>TECHNICAL :-</b> Tell me about your self? What is garbage collection? OOPS pillars? What is java(class, method access modifiers)? Difference between truncate and delete commands? Various type of joins? Explain left join?	<b>HR :-</b> Tell me something about your family background. What is the location of company office? What is your current location? What is your routine for current days? Is their anything you want to ask?	
92	0123 Neha Suresh Rao Tadas	Mavenir	Casual intro taken by the interviewer. All details about project and the related questions of front end and backend used in the project. Spring security, JWT, when we say HTTP is stateless, what does it mean ?	Why CDAC now, why not after graduation ? , Do u want to go back to teaching in future ? Having Engineering background, why teaching ?	
93	0047 Chaudhari Prerna Ravindra	Amdocs	Explain exceptional handling How to use customized exception handling Project related questions Difference between overloading and overriding Implement run time polymorphism Program on array Explain throws keyword Explain MVC What are microservices Explain multithreading Collections What is hashmap and list Explain different software development cycles Explain designing patterns Functions of git	Brief introduction Why amdocs Family background Strength and weakness Achievements	
94	0133 Omkar Sanjay Mane	Amdocs	-Pillars of OOP with examples -How to print diamond pattern and pyramid pattern -Explain exceptional handling -How to can user defined exception -Polymorphism and it's types -Difference between overloading and overriding -Explain interfaces and abstract class -Explain abstract methods -Explain throws and throw keyword -Database indexes and joins concepts -Linux commands	-Why do you want to join amdocs -Strengths and Weakness	
95	0001 Aakash Deep	Amdocs	1. Difference between C, CPP and Java 2. Java Architecture 3. Types of memory in Java 4. Dump memories in Java 5. Code snippet on string .equal() method and "==" and .intern() 7. What is docker? 8. Advantage of docker over virtual machine. 9. Name some Linux commands and explain them. 10. What roles you would like to work on.	1. Intro 2. Family background 3. Details on education qualification. 4. Tell me your greatest strength. 5. Tell me your weakness and what are you doing to overcome it	
96	0157 Pratik Shivaji Kore	Amdocs	Intro Why switching from non it to it? What was ur role in project? What is normalization? Acid properties? What is functional interface? What is serialization? What is final, finally and finalize? What are oops pillar? What is Singleton class...how to create that Coding part- 3 code snippets - find the output -write a code for storing the frequency of array elems and print the numbers which is having frequency only 2	How was the interview experience Why amdocs Gap if any 10th , diploma, graduation marks	
97	0117 Musale Parag Bhalechandra	Amdocs	Tell me about yourself Explain project Which are rest api ? Database connectivity What is class,object ,method ? Different type of method ? Different types of classes? What is exception ? What is interface ? 1 program What is linked list ? Explain What is difference between hibernate and Jdbc? What is XML ? What is front end and backend How u pass data from front in ur project ? What is MVC explain ? Write any controller in spring ? Some database related basic questions Then some branch related questions why u shift to IT sector ? Difference between overloading and overriding ? Explain inheritance ?	Introduce ur self ? Family background? Is any one from ur relative working in amdocs What are ur achievements? Verification regarding marks from 10 to engineering? Do you have any gap in education ? When u will join if we will give u offer ?	

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98	0212 Tandale Harshal Subhash	Amdocs	<p>Introduce yourself  Why mechanical to it  How you will rate yourself in java  What is abstraction in java how to achieve it  Diffrence between abstract class and interface  What is default method in interface  What is diamond problem  Polymorphism in java  Diff between compile time and runtime polymorphism  Collections in java  WAP to sort an arraylist  WAP to swap given strings  Given an program and asked what will be the output  Internals of Hashmap  Features introduced in java8  How binary search works  Fastest sorting algorithm  How Quicksort works, time complexity of quicksort  Tree traversal types explain all  What is outer join types of same  Given two tables and asked output after applying left join  Round robin algorithm  Some questions about Process scheduling in os  Logical question- you have 8 coins, 7 of them are equal in weight, one is defective, you have comparator to compare weights, and asked to count least comparisons needed</p>	<p>Introduction  What are ur strengths and weaknesses  Your biggest achievement  How u comes to know about amdocs  Why u want to work at amdocs  About family background</p>	
99	0027 Ankit Kailash Tiple	AMDOCS	<p>What was your Project ? What was Your role ? Explain one of the API that you worked on . Why did you choose Spring for backend ? , difference between Spring and Spring Boot , Basic Core Java Questions - Method Overloading , Method Overriding difference between them. Difference between Error and Exception. What will happen in the absence of Garbage Collector ? What is Collections ? How to decide which Collection to use? WAP to Print Equilateral Traingle using *</p>	<p>Tell me about Yourself!!  Why did you choose to switch from Mechanical to IT ?  Why do you want to join Amdocs ?</p>	
100	F0203 Swastik Sharma	Amdocs	<p>1. Write a code to sort an array with using predefined operators.  2. Write a code to print highest digit in a number.  3. Two Puzzle questions  4. Finding error in the given code  5. Explaining some predefined system libraries in java .given by procter  6. Explain oops concept  7. Explain polymorphism with an example.</p>	<p>1. Introduce yourself.  2. Family background.  3. Why Amdocs.</p>	
101	0097 Kulkarni Durvesh Ramesh	IKS Health	<p>Oops concept,project related (explain project,implementation of project ),overloading ,overriding with examples</p>		
102	0230 Yash Trivedi	Cerillion	<p>Technical Round 1:  1. About yourself  2. Project  3. Why Spring Boot?  4. Request Dispatcher  5. Get Request Parameter  6. Composite Key  7. Get vs Post  8. Quick Sort avg time complexity</p> <p>Technical Round 2:  1. About yourself  2. Project  3. Pattern Program:  *  * *  * * *  * * * *  4. Sorting Algorithms  5. Binary Search Tree  6. Merge Sort algorithm</p>	NA	NA
103	0083 Jadhav Pankaj Rajendra	Varian Medical Systems	<p>Tell me about your role, responsibility in project in cdac?  What are the technologies used?  Why java as project technology?  Why java is platform independent?  What is constructor?  Can we override main method?  If we change order of public static in main method will that work?  What is array?  How can I know array size?  Can we use pointer instead of Array ?  How java different from c++?  Have you worked on Javascript?  What is Ecma Standard?  What is self join? give one example.  What is inner join?  what is outer join?  What is trigger in database?  How many operations are there in database?  What is inheritance?</p>	<p>Why did you choose CDAC?  If I hire you and give you desk job and not proper coding job, will you join?  What you know about our organization and what did you learn in todays session?  What is your current location?  Any questions from your side?  Have you worked on any framework?  What did you do after graduation other then cdac?</p>	

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104	0019 Alok Shrivastava	eClerx	What is React.js ? Why React.js is used if Javascript is already available ? React virtual DOM Diff between Virtual DOM n real DOM In javascript , is it possible to create single page web app, Features of ReactJS? Difference between web application and user interface? Java dispatcher servlet? Spring boot basics How to configure tomcat server in spring boot How to change port no. in spring boot-Procedure		
105	0018 Akshay Sharma	Sapiens Technologies 1982 Pvt Ltd	Round 1: 1. Introduce yourself. 2. Difference between structure and class in c++. 3. Access Modifier in c++. 4. Create class in c++, create parameterized constructor in that class, create object of that class and print it's attributes value. 5. Call by reference vs call by value. 6. Virtual functions. 7. How declare abstract functions in c++ and their use.  Round 2: 1. Introduce yourself. 2. Explain cdac project. 3. Time complexity of quick sort and merge sort. Which one is better for sorting array. 4. Implement quick sort in Java and compile and run using cmd.		
106	0003 Abhishek	Bank Of America	Round 1 Technical Tell me about yourself. Technologies you have learnt Html tags which you have used in your project Some of the annotations and their usage Exception Handling in java Checked and Unchecked Exception Given a scenario in inheritance 2-3 sql queries according to their given condition  Round 2 Technical Tell me about yourself Briefly describe your project Why you have used spring boot as a back end Why front end in reactjs Why react js is different from simple html pages Different types of files which can be used in react js Given a condition to perform sql query Why should we handle exceptions  What challenges have you faced during graduation or during cdac course and also what you have learnt from it Condition is given there are 3 tasks A, B and C if you did only task A till the end of your day so how will you manage rest of the tasks		
107	0077 Hemlata Sameer Joshi	Cerellion technologies	Introduction of project, Difference between spring and spring boot. Annotations uses, dependencies used and why we use them?, Sql query related to project, db used in project, orm tool, many to many relation code, post mapping get mapping code related to project with syntax and annotation, jpa repository, Algo for finding occurrence of a character in string,	Introduce yourself, why you want to change the domain, tell me one thing which is not in resume	
108	0165 Rahul Vilas Murtee	eClerx	React js, why Java is independent language, wrapper class, difference between == & ==, serialisation with example, pointers in Java, method overriding, which type of inheritance is not used in Java, servlet in Java	Tell me something about your self	
109	0147 Patil Pradnya Pundlik	Evolent Health	Project , Role in detail, normalisation , difference between abstract class and interface, oops concepts, SQL queries, difference between procedure and function, view in database its use, Truncate and delete difference	Anything you want to change from your past, Why you want to join this company, proud moment in your life	
110	0194 Shubham Raju Chakole	SAS R&D	Project in detail No of the tables in your project Revelation between tables Two SQL queries related to project Difference between where and having clause Tell Linux all commands that you know Difference between white box testing and black box testing Balance parenthesis program only logic	Introduce about yourself Your strength and weaknesses Where you see yourself in next 3 years What is required to become a successful professional	
111	0199 Sitapure Asit Sanjay	SAS Research and Development	Project Technology ,Java ,Database ,Advance Java concepts like JSP , Servlet	Formal Questions	
112	0068 Gaurav Dilip Patil	eClerx	Introduce yourself, Full form of HTML, Static keyword, array in asen and decc method name , Diff in constructor and static block, What npm in node, How to check version of npm, Server pull and client pull, Some method of react, Then abstract keyword, Diff in c& c++, Some logic of basic program,		
113	0043 Bhurke Omkar Dattatray	Palican	1st tech-Explain collection interface, what is finally block, what is static, oops concept, code for overloading method , how to handle exception, what is system.exit(), explain the project 2nd tech - code on string , arrays , algorithm	Family background, strength, weakness	

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114	0062 Dhiren Jwala Sati	Amdocs	1.Introduction 2. Questions related to project. 3.Role in project 4.What is Polymorphism 5.What is MVC 6. Write a Program for Linked List Insertion, Deletion and Printing, What would happen to the deleted node will it take up space in memory? 7. Some Managerial Questions. 8. Some Database related questions 9. Suppose you have to develop a voice assistance technology like Jarvis, Alexa how would you do?	1.Introduction 2.Why Amdocs? 3.What are your strengths and weakness? 4.From where did you hear about Amdocs? 5.What is your biggest achievement?	
115	F0028 Ankit Agarwal	CDAC Mumbai	INTERVIEWER-1 1-Introduction 2-Tell me about your project in detail 3-What was your role in the project? 4-Main features in your project 5-Login-Logout functionality 6-Have you done testing in your project? 7-Which SDLC pattern your project follows? AND Explain 8-What is Integration Testing? 9-What is DevOps Types & Explain any one? 10-What is Blockchain?  INTERVIEWER-2 1-Your Role in Project what new feature you implemented in your project? 2-Which Data-type you used for password? 3-Can we achieve multiple Inheritance in JAVA, if yes How? Also explain with an example  CODE 1-Find Second highest number in an array 2-WAQ to fetch all data by joining 3 tables	NA	TECHNICAL QUESTION TO OTHER MATES: OOPS concept Find number of occurrence of each char in a string. Project oriented question What is Mapping? What is Garbage Collector? Trigger Main Components String & Array Basic Declaration Scope of Spring Boot
116	0085 Jatin Raheja	IKS Health	Round 1 1)Introduce yourself. 2)Tell me about the project. 3)Annotations used in project. 4)pillars of oops. 5)OOps concepts 6)one or 2 more questions i don't remeber but they were like basics Round2 1)Asked for updated resume(I gave my cdac resume) 2(a)How was the previous round . 2(b)SDLC 3)Which language do u know ,and if i dont know that language how will you coordinate with me. 4)What are the disadvantages if he(the interviewer)doesn't know oops or like advantages of oops over other languages. 5)Tell me honestly how many days u'll require for training. 6)Do u have any questions.		
117	0098 Kulkarni Heramb Hemant	Amdocs	Basic questions of core java, Program for string anagram, puzzle of 3 boxes, simple database queries - second highest salary, find the duplicate names and their respective count	Introduce yourself, family background, strength and weakness	
118	0036 Bade Akshaykumar Balasaheb	eClrex Services Ltd.	1)What is React? 2)Why do we use React ? 3)What is hooks in React ? 4)Why we need hooks ? 5)What is slate in React ? 6) Why we use State in React ? 7)What are components in React? its need? 8)What is Class based component? What is functional component? 9) Difference between Class based component and functional component? 10) Do you know Router ? What is Router in React ? Why we use Router in React? 11) Do you know Redux ? What is Redux? 12) Difference between JavaScript and React? 13) What is JSX?	In the same interview 1)Tell me about yourself ? 2) Where are you from ? 3) In which branch did you do your engineering? 4) How much will you rate yourself out of 10 in React technology?(I said 3) 5) How much will you rate yourself in Spring Boot technology? (I said 6)	1)What is servlet? 2)what is rendering in React 3)Spring boot annotations 4)difference between Spring and Spring boot
119	0089 Kartikey Jain	Amdocs	OOPS, Exception handling,data structures-array, linked list , project flow,basis knowledge about Java-access specifier, object, classes, SQL queries, constraints, joins, view , stored procedures	Tell me about yourself, short goals, long goals, education history	

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120	0053 Choudhari Shubham Gangadhar	Numino Labs Pvt.Ltd.	<p>technical Round 1 (Coding Round)</p> <p>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</p> <p>=====</p> <p>technical Round 2</p> <p>explain the coding round codes and how we can improvised that code , what is the time complexity &amp; 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?</p> <p>=====</p> <p>technical Round 3</p> <p>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? desgin pattern in java? when we override equals method? stack vs heap in java ? can two thread share stack memory ?</p>		
121	0219 Vaishali Prabhakar Patil	cdac mumbai	Project done in cdac,mapping used,array and strings code snippets on notepad(different questions on memory mangament,what will happen if code changes etc),garbage collection,constructors,spring boot annotations(used in project),two basic sql queries (count),nvl function,varargs,triggeres,string memory allocation (code was given find the output).		
122	0163 Rahul Deb Barma	Amdocs	About cdac project,Java oops,collections,multithreading,function overloading and overriding,java 8 streams,react questions-hooks,lifecycle methods,jsex. ,Spring boot flow in the project,	Introduce urself.,Why do u want to join this company?,Did u had any gap?,how many years would u like to work with us?	
123	0067 Gathade Subodh Prakash	Josh Software Pvt Ltd	<p>"Constructors in java. Pillars of java and explain each one of them briefly. How is encapsulation different than abstraction. Overloading and Overriding. What are exceptions in java examples of checked and unchecked exception. Which data structures you know Difference between stack and queue and methods involved. Algorithm to find mid of the linked list. Why did you use MVC in project. What is container in MVC. What is IOC and ways to inject dependency. Spring vs Sprig boot New features introduced in java 8 "</p>		



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124	0232 Yogita Singh	Accops Systems	<p>Code- 1. Insert a node at first in Linked list  2.Insert a node in between in linked list  3.using recursion, write pseudo code for any traversal  4.Optimize all the code u wrote  What is binary tree  What is inorder, postorder, preorder traversal. Explain it with diagram  Some basic concepts of C and C++  Basic Concepts of oops  What is kernel  Give me any five command u have learned in os  What is semaphores, pipe in OS  What is multithreading  Analytical questions  1. There is a 100 floor building, and u have 2 eggs with same properties. You need to find the minimum floor from which the egg will break.  2. gave me the diagram, and ask me to find the number of laps a runner will cover in marathon to complete 21km.</p>	<p>Introduce Urself  Tell me about your family  What u did in your gap years  Tell me the biggest failure of your life and how you overcome it  How many interviews u have given? What u think, why didn't u get selected? How you improved urself for your next interviews  Why IT field? Why not other field?</p>	<p>My other companies interview questions.....</p> <p><b>Company- Caizin (1 hour 15 min tech interview)</b>  -----  Oops  Class  Object  Real life example of class and object  Inheritance  Real life example of inheritance  Encapsulation  Abstraction  Relation between encapsulation and Abstraction  Can we achieve Encapsulation without Abstraction?  What is polymorphism?its type ? Example using code.  Explain static and dynamic polymorphism and how we achieve it using code?  Composition  Example of is a relationship and has a relationship  What is stack  Code of stack using array  What is queue  Can we implement stack using queue?  Difference between array and arraylist  Difference between array and list  Hasmap. How we store data in hashmap?  Do we really need to override hashcode method of object class for hashmap?  Difference between linkedlist and list and arraylist?  <b>DB-----</b>  What is rdms  What is dbms  Difference between rdms and dbms  Given a scenario., and ask what key and on what field to apply key so that no duplicate records  Composite key  Which is better and faster Composite or pk  What is tcp  What is http protocol  Operator overloading  Virtual keyword  Different types of access specifier in java  Difference between access specifier and access modifier? Are they different?  Can we implement method in interface... isn't it against rules? When it came in java .. version?  What is process and thread  Difference between string buffer and String builder  What is immutable class  Can you create your own immutable class. Implement it.  Gave codes and ask me the outputs for that related to string  What is thread safe and unsafe  What we call the situation when 2 thread try to access the same data at same time?  Race condition  Whar is kernel?  <b>Company- Typhone</b>  -----  Difference between Spring and spring boot  What was the drastic change they did in java 11 from java 7?  As u know, we can implement static and default methods in interface, don't u think it is violating the rules of interface?  What is the scope of bean  Explain the flow of project  What level of normalization you have acheived on your project's database  Why u used spring boot in your project  What annotations you have used in your project backend  How you send the data from UI and fetch it at backend  What if a field in your register page is not mandatory, then how you handle it at backend if not filled by the user  <b>Company-flextrade</b>  -----  Coding 1. you have given a string like "yogita0123456789", now check the string and return true only and only if string contains all the numbers from 0 to 9, otherwise return false  2. you have given a list of nodes connected with each other(Linked list), now how u identify that the list is circular or not  3.Implement three functions which perform following operations on String . For eg: if String="Hel";  Push. back("lo")--&gt; "Hello"  Pop. back()--&gt; "o"  Print()----&gt; "Hell"  Basic concepts of oops  <b>Company-Mavenir</b>  -----  Questions on project  Basic questions on advance java.. like what is pom.xml, what is maven, annotations in spring boot, features of spring, difference between spring and spring boot</p>
125	0142 Parchande Pandurang Gopalrao	eClerx Services Ltd	<p>Project intro and your role in it .....Why HTML is called markup language? What are the features of spring boot ? What is DOM , explain (Document Object Model)? How to check if a String is a substring of given string ? How to sort an array , which method is best in performance ?</p>		

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126	0166 Raj Kailas Kale	Wolters kluwer	Java oops concept, data structures, c sharp		<p><b>## HoneyWell : Round 1 - Tech</b>            Introduce yourself ?            Explain project, Project Your Role ?            Which Architecture you use in project ? then Explain?            On which technology this architecture build ?            What is servlets ?            How react connect to backend ?            Types of Component in React ? then Explain class component ?            Do you know State ? then Explain State ?            Which type of data we can store in state ?            Explain me Hooks in react ?            Not useState Explain useEffect &amp; other?            What is Redux ? You used in project ?            How data transfer from component to component?            How You send data to backend of project ?            How you handled Concurrency in project?            Tell you DB tables of your project ?</p> <p><b>## Mavenir : Round 1 - Tech</b>            Introduce yourself ? Explain project, Project Your Role ?            What are validation you done in project ?            In Front end how you validated inputs ?            then In back end which layer check validation ?            If I use same token to login from other browser, Can I ?            If you given calculator , How you test it ?            then How you test your application ?            How you debug problems ?            How data is traveled from react to backend java ?            Which HTTP methods we use ?            What you know about Mavenir ?</p> <p><b>## Verifone : Round 1 - Tech</b>            Introduce Yourself ? Project Details ?            You build thread safe api ?            What is Multi-Threading ?            Then Multiprocessing ?            How can we make methods synchronized ?            Can we make class Synchronized ? How ?            Explain OOPS concepts applied in projects ?            Final Keyword ? Static keyword ?            What Instance Block ? when to use ?            Difference between LinkedList &amp; ArrayList            Explain Exception ?            Overriding &amp; Overloading ?            Code Snippet For Output :            1. incremental &amp; decremental operators code.            2. Static methods called by obj of that class.            3. String point to null &amp; then printing that string.</p>
127	0224 Vishal Suresh Chikane	IKS Health	<p><b>## Round 1 - Tech</b>            Introduce yourself ?            Explain project, Project Your Role ?            What is difference between Java &amp; CPP ?            What is Class Loader ?            Explain JVM Architecture ?            What is Static keyword, When to use, Advantages?            What is String Pool &amp; how it work ?            Two codes snippets on String &amp; String pool About Output ?            .Equals method in object class ?            then .Equals method in String class ?            What is HTTP ?            then GET, POST, PUT, PATCH ?</p> <p><b>## Round 2 - Tech</b>            About My Core Chemical Experience ?            Then Explain company project you did in Core industry ?            What is role in that process plant projects ?            (As interviewer from Mech IIT Bombay )            API Request Response ?            What is Rest ?            What is Rest Full API ?            What is DB ?            What is RDBMS ?            What Are joins , How Many , Explain ?            What you know about Cross Join ?            What is Cartesian products ?            What you know about Primary Key, Uses?            Oops Abstraction &amp; Polymorphism ?            What Interface Then Abstract Class ?            What is Multiple inheritance            How Front End to Back End data transfer ?</p>	No HR Round .	
128	F0140 Revati Bharat Kurle	Amdocs	Tell me the technologies you have studied at CDAC. What is your project and your role? Two aptitude questions. One pattern Question. Diff bet ArrayList and LinkedList. What is HashMap? oops concepts. what is System.out.print() statement? what are the access specifiers? what is function overloading? what is checked exception and unchecked exception?	Tell me something about yourself. Family background. What is your greatest achievement? What is your weakness?	
129	0056 Deopurkar Akshay Ulhas	Neiron India	1. Technologies used in project. 2. How is authentication done in project? 3. Write programming logic for certain operation. 4. SQL query according to provided sample table(s).	1. Introduction 2. Project Information in brief. 3. Write code for certain operation. 4. SQL query according to provided sample table(s).	
130	0050 Chavan Prashant Tulshiram	eClerx Services Ltd.	1. React basics 2. Method overloading & Method overriding 3. Polymorphism 4. Inheritance	Location	
131	0066 Gaikwad Satyaprakash Khandu	AFour Technologies	<p><b>Round 1 - Tech:</b>            OOPs concepts, Difference between String and StringBuffer, Program: Implement Singleton class, Reverse String</p> <p><b>Round 2 - Tech:</b>            Polymorphism, Method overloading and overriding, Program: Count the minimum number of domain names (ex: gmail,yahoo, rediffmail) from array of String.</p>	Family background, Strengths, Weaknesses, Short and Long term goals, Any plan for further study, Expectations from company.	

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132	0158 Pravin Laxman Haramkar	Pelican	1.List all the oops concept and explain all in brief? 2.What is exception handling? 3.Ways to handle exception in java? 4.what is finally block? 5.Can we skip execution of finally block? if yes how? 6.what is multithreading? 7.how many ways we can create thread? which one is better and why? 8.Difference between sleep() and wait()? 9.What is collection in java? 10.Explain the hierarchy of collection? 11.Difference between arraylist and linkedlist? 12.Difference between hashset and treeset? 13.how treeset maintain the order of element? 14.Difference between comparable and comparator? 15.What is hashmap? 16.Explain the internal working of hashmap? 17.What is springboot? 18.Annotation used in springboot?	1.Tell me about yourself? 2.why you want to work in pelican? 3.What is SDLC and models of SDLC? 4.what is agile methodology? 5.Which version of java you used in project? 6.What is latest version of java? 7.What is your future plans now onwards? 8.why from non-IT to IT industry? 9.What is your hobbies? 10.HR explain the policies used in pelican. 11.Discussion regarding joining date and location.	
133	0024 Anavkar Niket Sunil	Amdocs	Introduction, code to reverse the string without reversing the words in string, What is String Tokenizer? What is J2E? Project details and project technologies What is Spring? What is implemented in your project to provide security? What is ReactJS?	Job Experience, BE Passout Year	
134	0196 Shubham Singh Baghel	eClerx Services Ltd.	Introduction, What is your project and what technologies did you use in your project?, In which technology are you expert?, How many rating did you give to yourself for java in out of 5 rating?, What is REST API? What is spring boot?, Is spring different from spring boot?, What is serialization?, What is use Serialization?	NO HR Round	
135	0140 Pankaj Sanjay Kashid	Wolters Kluwer	1. Given a sorted array 5,6,7,8,10,10,10,12,15 asked to find maximum no of occurring elements in $O(n^2)$ , $O(n \log n)$ , $O(n)$ , $O(\log n)$ time complexity approach 2. write reverse integer (1234) program , told to dry run in each iteration of while loop. 3. Explain overloading and find example is overloading or not.		
136	0101 Lalit Bansal	Bank of America	<b>1st Round - 20 mins</b> 1. Project created on Spring or Spring Boot? Than what is difference. 2. Workflow of Spring Boot application? 3. Most important feature of Spring Boot? 4. 5 Annotations of Spring Boot? 5. What is API? 6. What is Type Casting? 7. What are the Wrapper classes? 8. Explain Thread life cycle? 9. Two tables are given Emp table and Salary table find 5 persons who have gratest salary?  <b>2nd Round - Manager Round - 20 min</b> 1. Till i am going through your resume let me Introduce yourself? 2. Technologies used in project? 3. If i have a blank form which i need to fetch from frontend which request should i make? 4. Why to use Get method. Can we only get static information from Get wether dynamic? 5. What is REST. Why to use Rest only? 6. Write Code- Scenario- You have to send the data from a form (Name, Email, DOB) and save it to database than how you will design the intermediate level. Write code in chat box? 7. What is JSON? 8. Create JSON with fields name, email and DOB?		
137	0116 Mugdha Ravindra Ambatkar	Datametica	Ooops basic concepts Static keyword Constructors Differences : -List & ArrayList - Hashmap & Hashset Sorting Algorithms n implementations Internal working of sort function Implementation of Reversing the number and string Finding largest palindrome substring		<b>Practical :</b> <b>1. Mysql :</b> Create table, insert values, find min,max, about aggregate functions,join, group by ,having, views.  <b>2.Linux :</b> Create directory, files .grep,all basic commands, server connection and file transfer  <b>3.Java :</b> Reverse Number and explanation
138	0042 Bhosale Nikhil Sunil	AFour Technologies	1.Project Info 2.Role in project 3.String Reverse Code 4.Triggers 5.Index 6.Why spring boot 7.Why hibernate 8.Create spring boot project and call the function using request 9.Code on maximum occurrence of String	1.Introduce yourself 2.Expectation from company 3.Hobbies 4.Why CDAC	

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139	0146 Patil Durvesh Anil	cybage	<p>Combined questions of all Interviews:-</p> <p><b>Java:-</b>  Memory Area in JVM  Inheritance and Abstraction with example by writing code, diamon problem  Anonymous class, function  Multithreading with example, write program  Thread Lifecycle  Functional Interface  String immutability with program, compare two strings  Exception hierarchy  Collection Hierarchy  Difference between String, Stringbuilder, StringBuffer  Explain final,finally,finalize  expalin garbage collection, How to invoke garbage collector externally  How to create Singleton class explain with program  What is serialization</p> <p><b>Programs:</b>  1. Print even and Odd without using If else loop  2. create a file using java program add some lines and delete a particular line from it  3. Upcasting Downcasting program output  4. Insert element in linked list at middle  5. From given list of diffrent emails get the count of each type of mail(eg. gmail:3, rediffmail:2, yahoo: 1 , hotmail: 2)  6. Given: {"Apple", "Application", "Appliance"} output: "App"  7. Find count of perticular string present in Given String</p> <p><b>Advance Java</b>  1. Hibernate Framwork and cashing  2. Spring Architecture  3. Spring mvc flow in project  4. How to compile a java program with external jar in compiler  5. Define Annotations and its uses  6. what will controller return if database is not present?</p>	<p>Family Background,  Hobbies,  Future goals,  If you have given any location in India will you relocate,  How will you apply your past learning in IT industry,  Why you have choosen IT as a carrier,  Explain the difference in mindset between Tech people and Govt. job Aspirants.  After my Answers:- Why India need more Technocrats rather than Bureaucrats?</p>	
140	0209 Syed Bilal Ali	Cybage	<p>1.) What was your CDAC project?  2.) Explain the different layers involved in your project?  3.) Explain the flow of spring boot application?  4.) What were the different annotations you used in your project?  5.) How did you handle exceptions in your project?  6.) What were the relationship between the entities in your project?  7.) What is Dependency Injection?  8.) Annotation you used for D.I in your project?  9.) How can you include a file in the pom.xml?  10.) How to achieve multithreading in java?  11.) Difference between Wait() and Sleep().  12.) What are the types of exceptions in java?  13.) What is a Schema?  14.) What are the different types of Joins?  15.) What is a view?  16.) What did you do for 4 years after completing your B.Tech?</p>	<p>1.) Introduce yourself.  2.) GD on a topic (Advantages and Disadvantages of Online Learning).  3.) Why should we hire you?</p>	
141	0168 Rishikesh Sudhakar Chavan	Cerillion Technologies Limited	<p>Introduce yourself?  tell about your project ?  what is interface why it is use ?  what is spring security?why and how used in project?  diff between collections and collection?  diff arraylist vs LinkedLlist?  explain heap sort algo ?  explain jvm?  diff between soap vs react?  Custom query @@query ?  diff between drop,delete,truncate?which can be rollback?  why are indexes and why they are used and diff type ?  diff between primary n unique?</p>		
142	0100 Kuvav Vivek Nandkishor	Orion Innovation	<p>1) Difference between Instance variable and local variable?  2) Why there are no pointers in java?  3) Difference between stack &amp; heap?  4) What do you understand by RESTful Web Services?  5) What are the features of RESTful Web Services?</p>	<p>1) Tell me about urself  2) Why u want to switch to IT from mechanical?  3) Real life scenario situation example:-  If you have decided to take unexpected leave on the same day on which your manager is on leave  Then how will you handle this situation &amp; how will you compose mail?</p>	
143	0139 Pankaj Sahu	Orion	<p>1) What is os, why we need diffrent os and types  2) compiler and interpreter diffrence  3) linker  4) what is data structure  5) oops concepts</p>	<p>Situation based questions  1) how will you manage uncertainties  2) about team work  3) preferred location</p>	Prepare for managerial skills, show them what you are capable of
144	0172 Rohit Mahadevji Thaware	Orion Innovation	<p>What is oops?  Difference between states and props?  What is meant by API?  What is MVC flow explain in details?  What is option for axios?</p>	<p>Why you want to switch?  Previous experience in details?</p>	

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145	0037 Bangare Ashwin Yuvraj	Orion Innovation	<p>What is binding in react ?</p> <p>When we use binding, what is SDL C</p> <p>what is the difference between abstract class and interface and write there syntax with any example</p> <p>what is Encapsulation ,polymorphism and there types how we achieve multiple inheritance? what is static and non static variable ?</p> <p>why we use hibernate configuration in project,what is orm , JPA, and tell one example on OneToOne annotation,?</p> <p>What is Dependency injection? what is the controller methods ?</p> <p>what is IoC?why we use dependency injection ?</p> <p>What is constraints in database?</p> <p>Explain cursor and type of cursor and trigger?</p> <p>Which clause you use in sql and what is the use of having clause and where clause?</p> <p>which join you use most explain inner join, outer join, left inner join and right inner join.?</p> <p>Collection framework internal implementation of hashmap, arraylist ?</p> <p>what is composite key and super key?</p> <p>What is paging? explain cache?</p>	<p>Why IT? Which is your great achievement ?</p> <p>explain your CDAC journey ?how you manage your day during CDAC course?</p> <p>Who is your Idol in your life?</p>	
146	0127 Nikhil Kailas Jadhav	Evolent Health	<p>SQL joins, queries, various scenarios given, writing queries to extract specific data from the given tables, How to optimize queries, indexes, procedures, triggers, constraints, Normalization, sub queries, union, union all, temporary tables, views, information_schema, types of indexes, primary key, foreign key,</p>	<p>About family, engineering project, how will you handle a situation where you're stuck onto something, set nocounts, set nolocks</p>	
147	0132 Nitish Kumar Singh	Hoonar Tekwurks Private Limited	<p>Introduction(face to face on microsoft meet)</p> <p>Project introduction</p> <p>Describe your role in project</p> <p>What technologies you have used in project</p> <p>OOPs Concept with examples</p> <p>Spring framework</p> <p>Reverse a string</p> <p>If we give you a string break it in the subpart with 3 character</p> <p>If you have a long string then print the 3middle character of it</p> <p>You have two table Employee table and Department table Find the sum of all the employee</p> <p>find the second highest salary for every department</p> <p>View,</p> <p>Index Type of Index</p>	<p>Hr round (telephonic)</p> <p>Introduction</p> <p>Family background</p> <p>Project</p> <p>Location preferences</p>	
148	0186 Shinde Mayur Janardan	HSBC Technology DAC	<p>1.OOPS concepts with real life example,</p> <p>2.Diff bet IS-A HAS-A relationship,Association,</p> <p>3.annotation in project, What is hibernate,orm tool,how you map tables in DB,</p> <p>4.cycle of orm</p> <p>5.what is Spring boot</p> <p>6. use oops in project?,then explain where</p> <p>7.spring boot layer architecture.</p> <p>8.Explain whole project and objective</p> <p>9.code for jdbc connectivity/link</p> <p>10.code for star pattern, run show output,run in debug mode,add breakpoints,explain debug window.</p>	<p>1.From where</p> <p>2.why gap</p> <p>3 why Mech to IT</p> <p>4.Educational BG</p> <p>5.why to join HSBC</p> <p>6.salary expectation</p> <p>7.are you able to relocate</p>	<p>sorry.</p>
149	0045 Bobade Harshavardhan Sanjay	Volante	<p>Oops concepts, print string to check palindrome or not,print current date and time,SQL questions on join, truncate vs delete vs drop, questions on data structure</p> <p>How Quicksort,mergesort algorithm works,given statement which data structure will you use?,time complexity of data structures.</p>	<p>Basic introduction,3 litre and 5 litre bucket problem,Basic SQL questions.</p>	
150	0225 Vishvali Namdev Kusangwar	Sapiens Technologies (1982) Pvt Ltd	<p>Round 1: Introduce yourself, Give overview of Project and What was your role, What are your Expertise technologies, Difference between static class static variable static method, Difference between finally finalize final keyword, Difference between Interface and Abstraction, Difference between Overloading and overridden function, Call by value and Call By reference, Explain Inheritance with real time example, Logical Question Explain Join and it types, Can main method be overloaded, Can static method be overloaded, Explain Dijkstra.</p> <p>Round 2: Introduce yourself, Give overview of Project and What was your role, Why used react instead of Angular, What is Spring Boot, Situational question, Additional Hobbies, Joins, Primary key and Unique Key, Which technologies and tools you have worked on, Difference between Array and ArrayList, What is copy constructor</p>	<p>Background of family, Are you and your family ready for your relocation</p>	
151	0071 Gawade Jiten Suresh	Verifone	<p>1. Sort the array with O(n) time complexity</p> <p>2. Merge Sort</p> <p>3. Recursion coding questions.</p> <p>4.Collection Framework.</p> <p>5.Access Specifier in details</p> <p>6.Project</p> <p>7.Hashmap Coding questions</p> <p>8. Find the compiler error of code which is written in the text file.</p>	<p>1. Introduction</p> <p>2. Project</p> <p>3.Why this company</p> <p>4. Short term and long term goal.</p>	
152	0017 Akshay Sanjay Patil	Dassault systems	<p>Introduction</p> <p>Oops concepts</p> <p>Java collection framework</p> <p>Data structure : Linked list, Avl tree explanation</p> <p>Database : types of joins, 3 queries on join, what is index, advantage and disadvantages of indexes, Trigger,</p> <p>Javascript program to print prime numbers from 1 to 600</p>		

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153	0145 Patil Ajinkya Sambhaji	Mastercard	<b>Round 1 :</b> 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 count of occurance of city from Employee table(id,name,city) eg. Pune - 5 10.What are different types of HTTP services? 11.How are you going to show if any error occres in fron 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 Oracal then what changes required in back-end?	<b>Round 2 :HR + Tech</b> 1.Introduce your self? 2.Which projects are you done? 3.Expalin your project entities? 4.Program for find second max element from arry? 5.Program for covert number into single digit? eg. 159 =>1+5+9=15 =>1+5=6 6.Appittued problem if a weel have 30m height and inside it one frogge which trying to get out if frog jump 3m in day and fails 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?	
154	0162 Rahul	Iks health	Project description and some questions about it, primary key and foreign key, index, normalisation, oops concepts in details, constructor and destructor, inheritance, 2 apti based questions, 2 scenario based questions		
155	0090 Kashid Prachi Hanuman	Orion Innovations	2 Coding question . Multiple inheritance in java with code. What is collection? What is hashset? What is DBMS? What is view? Give one scenario, based on that ask to write 3 SQL queries.	What are you doing after your graduation? Reason to switch from electrical to IT field? Where do u see yourself in next 3 years?	
156	0207 Suyog Bhagwat Nemade	Aira Matrix	1.Architecture of the Project 2. Your role 3. Why Spring Boot 4. Annotations used in project 5. Any role in frontend part 6. OOPS concepts with examples from project 7. Tell the output for the give Code snippet 8. Asked to write 2 queries related to joins 9. W.A.P to get the index of the numbers from given array such that sum of the numbers is equal to the given target. 10. Overloading vs Overriding 11. Where did you use overloading & Overriding in your project 12. Java 8 features & any use in project 13. What are functional interfaces? 14. Preferred domain to work on- backend or frontend?	1. Introduction 2. Educational background 3. Personal skills 4. Family Background 5. Are you willing to give a commitment of minimum 2 years? 6. How was your CDAC journey?	
157	0129 Nikita Shinde	Equifax	Explain your academic projects and asked how changes will be applied if we change configuration. Knowledge about WCF. Transforming spring boot web application to .net platform. What changes are required if we change application server? What changes are required if we change database? What is difference between sql and sql server? What is inheritance? Differentiate between overloading and overriding. Can we implement multiple inheritance in java? What is class and method? Can we call methods from one class in another class(with no base of extending it)? Do you have deployment experience? Have you worked on production server?	Are you ready for reallocation? Do you live by yourself out of native or reside at home? What is reason behind the gap in career path? Are you still trying for government employment? How much of your time you dedicated for your goal?	
158	0176 Rushikesh Vijaykumar Ambure	Hoonar Tekwurks Private Limited	Project explanation? ACID properties in db? CRUD operations in db? How many types of joins we can use in mysql? SDLC life cycle? Methods in SDLC lifecycle? What is method and method signature? Code for Palindrome number? Code for Fibonacci number?	Introduction? Location preference? Willing to relocate?	
159	0215 Umare Suprabodh Ashok	Aloha Tech	Number reversal code, count the digit, count the digit with recursion, selection sort, print hello world on browser, join 3 tables, change the colour of background using JS, make a class and add attributes as firstname, lastname, id and age. Sort all the employees using any sort method by Id	NA	NA
160	0052 Chilvant Madhav Vasantrao	Hooner tekurtz	What is constructor Types of constructor What is collection Why strings are immutable Diff between string buffer and string builder Diff between DROP and TRUNCATE what is tail and head command What is normalisation ACID properties logical coding questions 2	Introduction Job preference	
161	0161 Purnima Pandey	IKS health	My sql,difference between delete and truncate and project	About yourself,project,how you managed to cooperate with team mates.	

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162	0061 Dhanshree Tukaram Shinde	HSBC	Logic- java mysql Adv java what u learnt DSA Hibernate advantage Spring boot advantage L1-L2 cache  Java Mysql query for second max,joins,sub query and application,joins type,oops concepts,exc handling,jvm jre,jdk java advantage	Introduction Full form of HSBC Reason for gap Why would you like to join us?	
163	0227 Vrushabh Umesh Sayare	Manhattan Associates	Explain your project in brief Java Code Snippets Java Program to find the second largest element in an array Javascript ES6 features React JS props Collection Framework questions Difference between array and arraylist Explain Servlet Lifecycle Basic SQL queries	Introduce Yourself? Why Sudents from mechanical doing courses like CDAC? Why should we hire you? What do you do in your free time?	
164	0213 Tanvee Aniket Kumbhojkar	Orion innovation	1.Run time polymorphism 2.Interface vs abstract 3.When we type url where it will hit first view or controller 4.Access specifiers 5.Example for abstract and interface.. when which to use	What u expect from company	
165	0156 Prateek Chauhan	Amdocs	What is a Singleton Class , Implementation of a Singleton Class , Concepts of OOP's , Code regarding String pool , What is the use of finally block , Code regarding exception handling , use of finally block , Explain Java Architecture , What is Spring boot and why did you choose it as your project technology .	Why should we hire you , What is your short term and long term goal , What is your expectations from the company , About family background .	
166	0136 Palakar Sagar Madhukar	26	1. Interviewer asked about overall project description and asked that what was your individual role in your project. 2.Oops concepts explained with example. 3.he asked me to write the code on check if number is Palindrome and to find the vowels from given string. 4.what is hibernate? 5 Difference between truncate and delete command 6.what is the difference HTML and React. Js	1.Tell me something about yourself. 2.asked me about family background 3 why you have switched from Non-It to IT background. 4.he asked me to narrate the situation regarding any sport game. 5.Are you willing to relocate?	Tell me something about yourself
167	0011 Akash Gupta	Orion Innovation	What is oops and it's four basic pillars Difference Between C and Java  Database: what are Stored procedures? some easy and moderate sql queries what are indexes?use? what are views?  My role in project? why react not angular? what is react? what are different business layers u use in backend(POJO's,Service,Dao etc) have you used any stored procedure for your project?If yes,how you called it ?	Tell me about yourself?excluding name,educational details... You want to be a developer?tell me some roles for developers apart from writing codes. how you deploy your project?	
168	0150 Piyush Sumil Patil	Cybage	<b>Cybage -</b> 1. Tell me about your project? 2. What is your roll in it? 3. How you used spring security in your project? 4. Shared some code samples and told to find errors and expected output. 5. Write a SQL query for fetching details of student who are in class 9 and 10 6. Write a code for sum of even and odd numbers 7. Write a code for string reversal. 8. Write a code or logic to find unique elements from array.  <b>SAS R &amp; D -</b> 1. Tell me about your project? 2. Which annotations you used in project? 3. spring Vs springBoot 4. Code for reversing only position of words from a sentence. 5. SQL query to get insurance details of employee who has second highest salary. 6. write a code to find repeating elements from string  <b>IKS Health -</b> 1. Tell me about your project? 2. Explain OOP concepts 3. inheritance with example 4. polymorphism with example 5. why you used react and springboot  <b>CLSA -</b> 1. Tell me about yourself 2. Tell me about your project? 3. OOP concepts 4. hashmap vs hashtable 5. what is view? 5. what are the types of joins in MySQL? 6. explain all the joins 7. what is string buffer? 8. code for fibonacci with and without recursion 9. basic sql queries 10. c++ Vs java 11. arraylist vs linkedlist	Cybage - 1. Introduce yourself 2. GD on a topic 3. Why should we hire you? 4. Why do you want to work in IT if your graduation is from EC 5. What are your short term goals	

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169	0115 Mohammad Shakil Ahmad	Hoonar Tekwurks pvt ltd	1.Project related questionn (basic) 2.oops concept 3.interface 4.abstract class 5.What do you mean by authentication and authorization 6.types of sorting 7.program-reverse a string	Introduction, family background,why cdac,why you change your domain	
170	0201 Soni Kumari	CDAC Pune	1. Introduce yourself 2. Tell me about your DAC project and what was your role in it 3. What is static initializer block and why do we need it 4. Some questions related to spring boot annotations 5. Some questions from react 6. Approx 6,7 questions from Linux ,like --Tell me any 5 linux command , linux command to transfer file from one server to another 7. Constructor Overloading 8. Can we do constructor overriding , if not then what type of error we will get 9. Do you know about Super computer 10. What do you mean by high performance computing 11. What is multithreading 12. What is DOM 13. What do you mean by string immutability 14. Difference between process and thread 15.What is encapsulation		
171	0155 Prasik Pralhad Bhowate	Hoonar tekwurks	1. ACID properties 2. Types of joins 3. Overloading vs overriding 4. Collection 5. Grep vs Find command 6. SDLC type 7. SDLC vs Agile 8. Logic for reverse a number 9. Logic for Armstrong number 10. Logic for febonacci series	1. Introduce yourself 2. Family background 3. Are you ready to relocate	
172	0064 Drwate Shashank Manish	Cybage Software pvt ltd	Basic OOPS Concept Abstraction vs Encapsulation SDLC - 7 stages(I explained each one in detail) Front end: Single tier Applications, how to deploy an Application. Coding: Swap numbers without using 3 variable, reverse a string using toCharArray method, count number of vowels in given string. Questions on string library methods. Project: role in project, explain front end and backend connectivity, how will you improvise further.	Introduction Family background Hobby Favorite sportsman She asked me to speak on a given subject Location preference. Explained CTC.	
173	0087 Jerin George David	Aloha Technologies	1-toString() parent object 2.How abstraction achieved? 3.Overriding related question(which constructors are invoked? in which order?) 4.Live coding bubble sort(verified output in all test cases) 5.Live coding number of digits in a number 6.rewrite (qn5) using recursion 7.sql query based on group by clause 8.sql query for join operation(live coding with op verification) 9.in the above qn what will happen when Left join is used? 10.How comfortable are you with javascript 11.enquired about Html css knowledge 12. 12 XOR 15 calculate(bitwise)		
174	0135 Onkar Prashant Yogi	AIRA MATRIX	OOPS concepts, data structure and data types basics , exceptions, spring database connectivity, Java Collections, (html,css, javascript basics )	introduce yourself, checked previous experience , willingness to work, family background ,interest in technologies	
175	0004 Abhishek Arun Mahindrakar	hoonar tekwurks private limited	1. what is constructor and destructor 2.types of constructors 3. oops concepts deeply asked and also with practical exaples 4.why switch to IT 5.Core java basics	Intoduction, are you ready to relocate, can you handle pressure efficiently while on project, Explain your project	



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176	0173 Rohit Shivaji Phargade	Hoonar Tekwurks Consulting	1. Tell me about yourself 2. What is graph where is it used in real life 3. Types of errors, exceptions and difference 4. Boxing unboxing java 5. String pool related questions 6. How to connect backend to database 7. Have you implemented any data structure 8. Explain SDL.C 9. Explain Inheritance 10. OOPS concepts and real life examples 11. Tell me about your CDAC project, what tables were there 12. More question on project tables structure 13. Have you done any concurrency control in project ? 14. Verification vs validation general difference 15. What is callable statement 16. JDBC connection code 17. What is difference between hashmap and hashtable 18. Which sorting algorithms have you learnt 19. Explain merge sort 20. Explain JVM architecture 21. Depth first search algorithm 22. What is its time complexity? How? 23. Worst case time complexity of merge sort explain how? 24. Explain quick sort how it is different from merge sort	1. Introduction 2. Family Background 3. About Hoonar Tekwurks Consulting 4. Strength and weakness 5. One event in your life 6. What is your greatest achievement as per you?	
177	0048 Chavan Chetan Madhukar	Amdocs	String reverses program  Method overloading and method overriding  Final finally finalize  String palindrome  Final variable ,final class Try with resources Exception handling Project How to connect to database =Hibernate	Introduce yourself Why we hire you	
178	0187 Shinde Saurabh Suresh	Amdocs	- questions on graduation project - can browser understand jsx. - If we have to transfer data from so many servers how to send that data safely. - split string array (coding questions)	Tell me about yourself Achievements Next 3-5 years goals	
179	0028 Ankit Kumar	Hoonar tekwurks private limited	1. Regarding collection in java. 2. OOPS concepts. 3. Mostly questions asked on core Java. 4. Project related questions.	1. Why you switch from ee to it. 2. Why do you want to work with us	
180	0134 Omkar Santosh Gosavi	Hoonar Tekwurks	1. What is React , 2. What is DOM, 3. Coding question - a) Write a code to reverse the string in any language , b)write the same reverse string program using Stack Data structure , 4.What is Stack , 5.DBMS query - a) 2 tables given employee and department in employee table there is salary column, employee related columns and in department there is department related columns like dept_name, dept_id . Given PK in Employee table and FK in Dept table . Write a query to print Sum of Salary of all department and order it with respect to dept_name (e.g. it should group sum of each department like HR , Management, IT , e.t.c. display it department wise).	1.Give introduction , 2. Why u join CDAC , 3.Background related Questions , 4. Question related to Location .	
181	0094 Kiwande Abhishek Dattatray	AFour Technologies	1) Write a program to separate the domain name from the email i.e. @gmail @hotmail @yahoo. 2)Count the no. of domain names. 3)Explanation about project. 4)Java threads 5)Exception Handling 6)Does run method has return type	1. Introduce Yourself 2. Why cdac 3. Plans for further studies 4.how do you come to know about our company	
182	0124 Nikam Satyam Vijay	eClerx services Pvt Ltd	1. Types of pop-up in javascript 2. Difference between session storage and local storage. 3. Find repeating chars in string 4. sort array and print in asc and desc. 5. Exception handling in java. 6. Static keyword in java. 7. Inheritance 8. Four pillars in oops.		
183	0076 Harshal Vishnupant Pachgade	Dassault Systemes	1) Introduce yourself 2) What is Java Collections? 3) Difference between ArrayList and LinkedList? 4) What is HashMap? 5) Difference between HashMap and HashTable? 6) Who is thread safe HashMap or HashTable? Why? 7) Coding Question: Implement HashMap then add some keys and objects in it then retrieve object by giving input as a key 8) What is SDL.C? Explain in detail? 9) What are datastructures and types of it? Array vs LinkedList? Then give some scenarios and situations and asked which datastructure should we use to store values? 10) Ask about project and what technologies you used? What is your role? 11) Array vs ArrayList? ArrayList vs LinkedList? 12) When to use ArrayList and when to use LinkedList?		

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184	0223 Vishal Sonkar	Cybage Software	1.Difference between interface and abstract class 2.What is inheritance in java, how many types of inheritance 3.what is jvm define its structure. 4.What is garbage collection 5.Difference between equals() and == operator 6.technology used in project 7.how many entities are their in your project 8.What is constructor, why we use this in java. 9.types of constructor 10.write a program to swap two numbers without using third variable.	1.Introduce yourself 2.group discussion-Is Online education better than offline education 3.Why should we hire you. 4. Technology you would like to work at if selected	
185	0096 Kuldip Rajendra Patil	Bank of America		10	1
186	0022 Amol Soma Patil	Aira Matrix	Questions based on project, code snippet, write a program to print a fourth maximum number in array, Oops concept, what is inheritance, what is method overloading, difference between abstract class and interface	Introduce yourself, are you ready to relocate?, Why do you want to switch in IT?	
187	0082 Jadhav Akash Ramu	Cybage	Cybage : Project Description in brief Role in Project Gave Java Collection framework related code and told to find output Implementation of HashMap. Exception Handling related code and told to find output WAP to find distinct element in array. Array contains all element same but only one element is different. Database simple queries.  Mavenir : Write method to return 50th element from linked list. Merge sort algo. Way to create thread in java and diff between them. String handling in java. Diff between JVM vs JDK vs JRE  CDAC Mumbai : Can Abstract class can have Constructor. Can we create object of abstract class. What is the use of Abstract class constructor. Can final method have only declaration. One puzzle.	Introduce yourself. GD [Topic : Diff between online and offline classes] Why should we hire you.	
188	0051 Chetan Sukhdeve	Orion innovations	Adv-java What is HTTP verb? How will you mark a method as a specific rest api? Have you done testing of your project? How to test rest api endpoints  Cjava : What are two types of polymorphism? What is method overloading?  DBMS : what are types of indexes? What is cardinality in db? Explain different types? How will you implement one to one and many to one mapping in two tables? What are aggregate functions? Different clauses in db? Difference between having and where clause?  React : React hooks, navigate and react routers? How will you achieve routing?  Misc: Any exposure to Ms.net? Any exposure to front end technology? What is a web server? What is a btree? Which is inbuilt server in reactjs? How will you deploy an app ?	How was your day? Which year you passed out, and what you did after that? Questions related to previous job? Your hobbies? And questions on hobbies.	
189	0026 Aniket Mulchand Koche	HSBC	What is java, how it is platform independent? What is JVM how it works, memory allocation, what goes in stack and heap, what is springboot, hibernate its advantage, Collection, constructors, OOPS concepts, What is rdbms, different sql queries, difference between drop and truncate, stored procedure and function, trigger, cursor, view in mysql.	Introduction, family background, ready to relocate.	
190	0159 Prince Kumar	Cybage Software Pvt. Ltd.	1. Introduction 2. Project In Depth Details 3.Why Use Spring Boot 4. Difference between method overloading & method overriding 5.Explain Garbage Collection in details	1. Introduction included project 2. Group Discussion	
191	0210 Taher Hussain	FEV India Pvt Ltd	1. About my Technical Skills 1. Java Concepts 2. Rest 3. CDAC Project 4. B.E Project (Lots of questions were asked and discussion was done) 5. Coding Questions		

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192	0130 Nilesh Prakash Jadhav	Orion innovation	<p>Oops concept, Diff final, finally, finalize What is react? What is single page application, Components of react Application of react, What is thread? What is multithreading? Diff store procedure and functions What is spring? Spring container? Polymorphism and it's type? How can u save ur user in ur project? What is hashing? What is hashmap and it's application? What is immutable class? What is marker interface? How to connect the springboot to database? How to install and deploy the react? What is cursor? What is trigger? What is hibernate?and it's advantages? What is session and session factory? What is servlet? What is jdbc and it's working?</p>	<p>Tell me something about yourself? Family background? Why should I hired u? Short term goal? Long term goal? challenging phase in cdac? Why u join Orion innovation?</p>	<p>Tell me something about yourself? Family background? Why should I hired u?</p>
193	0075 Harshal Subhash Deshattiwar	eClerx	<p>Introduction, project details, role in project, discussion about front end(react) How much do you know about JavaScript? How much do you know CSS? what is flexbox? What is html? (not a programming language) what is meaning of hypertext? (ability to connect multiple web pages) what is meaning of markup?(way of writing a document using tags) does an other framework gives change class to classname error or only react?(only react) Virtual Dom and its working? == vs === Use of this keyword in react? What is state in react?</p> <p>2 Sql query sql vs NoSQL Question on mongo dB?</p> <p>json operations in spring</p> <p>Basic codes 5 in total refer :- <a href="https://www.softwaretestinghelp.com/coding-interview-questions/">https://www.softwaretestinghelp.com/coding-interview-questions/</a></p> <p>Oops concepts:- abstract class vs interface why use abstract class? questions about inheritance like multiple and multilevel inheritance Is java a complete oops language? What is the use of final class?</p>		
194	0012 Akash Rakesh Pali	Hoonar tekwurks consulting	Truncate, drop, oops concepts, java, spring	Only introduction and location offered	
	0041 Bhosale Kunal Bharat	Cybage	Project details	Instruction and family background	No
	0218 Vaibhav Vasant Sawant	IKS health	<p>1.What are joins 2.difference between compiled time polymorphism and run time polymorphism. 3. OPPS concept 4. 3rd highest salary query 5. Reverse individual word of string 6.about project (both BE and CDAC) 7.Long term goal. 8. Short term goal.</p>		
	0184 Shailesh Kumar	Orion innovation	<p>Technical Round Intro. About project Difference between View Bag and View Data. Different type of access specifier. Delegates- Action Event Web API How JSON object is returned in web api. Microservices.</p> <p>HR Round Intro What you aspect from company? Difference between work from home and work from office. About family. Strength . Etc</p>		