**Questions asked in TCS**

* Diff between throw and throws keywords
* Use of copy method. Diff between shallow and depth copy
* Which one u prefer among collections in diff situations and why
* Why only for set duplicates r not allowed why in list they r allowed
* How to make a method to not be accessed by other classes
* what is hibernate hbm file and what and all we give in that file
* Real-time example on oneToMany
* Why/when do we need to give final keyword for variables, methods
* And few more………

**Questions asked in Infosys**

* Use of super and this keyword - question asked
* Main difference between interface and abstract class? - question asked
* Which one among interface and abstract class you choose while implementing and why? - question asked
* Can you create a string Array and how to do it? - question asked
* What is a collection? - question asked
* What is the superset of all types of collections? - question asked
* Main difference between List and set? - question asked
* How do you display the data inside a List? - question asked
* If we need data to be in sorted format which collection you would use? - question asked
* How can you use forEach() method? -question asked
* What are java 8 features? - question asked
* What is the use of Lambda expression? - question asked
* How do you write a Lambda expression? - question asked
* What is a consumer in Lambda expression? - question asked
* How do you use streams in java and why? - question asked
* What is a functional interface and Why are they introduced in java? - question asked
* Which one you choose to implement among functional interface and normal interface and why? - question asked
* What are Compile time exceptions? - question asked
* How can you handle an exception (whole process of handling exception)? - question asked
* How to create a thread in java? - question asked
* What are the default method/methods called when you are running a thread? - question asked

**Spring boot**

* Explain how spring boot works and what do you know about spring boot? - question asked
* What is the use of hibernate in Spring boot? - question asked
* How do you give database configuration in spring boot? - question asked
* Is there any default server in spring boot? If yes what is the server? - question asked
* Can you change that default server to another server? If yes how can you change it? - question asked
* Can you change the port number of the server? If yes where should we change it? - question asked
* What is dependency injection? - question asked
* What is Autowired annotation? - question asked
* What is Crossorigin annotation? - question asked
* Through which annotation you can send the output data as Json format? - question asked
* When you are only getting the data from server, which annotation you are going to use? -question asked
* Which tool you used to send and receive data from spring boot? - question asked
* Through which annotation you can get the values passed through url? - question asked
* Explain how to send information in json format through postman/(tool which you used)? - question asked
* Is there any default database in spring boot? If yes what is that?

**Questions asked in Dell**

Java

* While calling repo if u get any exception how do you handle it in requested method
* Which java 8 features u used in ur project
* How did u use lambda expression in ur project
* What is functional interface
* Explain how java 8 using functional interface
* Can u do a filter operation using functional Interface
* I want to iterate lakhs of data but based on condition it should stop iterating(I need this with gud performance)

2nd round:-

* How do u give properties file in java
* In which format u give properties in spring properties file
* What is an Api
* What r some of the apis in java
* What are streams
* What is functional programming
* Diff between functional interfaces and normal interfaces
* Mention functional interfaces used in stream api

General

* What is Junit and how do u use it
* If there is any issue comes up, how and where do u start checking

2nd round:-

* Junit
* What are microservices
* How do u check the issue
* How do u build and deploy, pipelines,releases

Spring

* Why we use spring boot
* Annotations used in spring boot
* Complete flow in spring boot end to end
* What is the use of springbootapplication class run method
* How to put application.prop file outside and access it
* How to make the application not to build even after changing properties file
* Where do u write queries in spring jpa
* What is restcontroller annotation
* How controller send data to api
* What is server change

2nd round:-

* Advantages of spring
* Dependency injection
* Diff between spring and spring boot
* How do u connect multiple classes with tables using hibernate
* How spring boot get to know it should configure everything
* How to make sure to remove new functionalities of spring boot

Database

* Select query to get rows from 1st table when IDs of two tables matches and order by 2nd table name column
* What is composite key
* How do get data based on two columns(bothe should not duplicate)
* What is unique constraint
* How to give unique constraint
* How to make column as unique when it already has duplicates
* Difference between groupby and orderby
* How to use groupby

2nd round:-

* Diff between groupby and having
* If there are two tables and but there is a performance when we are getting data, how do u solve it
* Advantages and disadvantages of indexes
* What r diff types of databases

Frontend

* What is data binding
* How do u redirect to another component based on form validation
* What is single page application
* How do u start creating html pages
* Where do u write the java script logic in html page
* What is ES6 and its features
* How do we send and receive data between frontend and backend
* If we tell u to learn Junit and angular, will u be able to learn and work in project. How much time u need.

Managerial round:-

* How are u doing in real life
* Why r u leaving so soon
* What is team work
* What have you benefitted from ur seniors
* Are you willing to come to Hyd office
* Explain ur first project
* What is ur work method Agile or waterfall
* Have you deployed to prod anytime
* How often u deploy to prod
* You should learn Junit
* What is product based work
* Have to tested anything before. How u have tested the code