

1) How many ways to code a Reverse of a strings?

2) String s1="test" String s2="test" String S3="t" + "test"

System.out.println(s1==s2) ; //true or false

System.out.println(s2==s3) ; //true or false

3) Integer s1=127 Integer s2=127 Integer s3=128 Integer s4=128

System.out.println(s1==s2) ; //true or false

System.out.println(s3==s4)

4) 3,9,50,98,15,65,7,99 - find the numbers which have closest distance ?

5) 2,3,9,50,98,15,65,7,99 - find the numbers which have closest distance and where to apply break ?

6)we have a GET api which passes a store Number and Item Number as attributes -if a user from external source tries to hit the url should we get the response or not ? -how can we authenticate the GET API's.

7) Batch update ?

8) What is the response time of a API?

9) What is CI/CD pipeline?

10)use case : 1 user tries to upload a Excel contains 10000 rows which got success 10 users uploads simultaneously 10000 rows which got succeeded but 1 user uploads 1L rows got failed and contains Memory out of bound exception - why we got exception and is it because of user or system related? -ways to reduce this exception?

11) How to create custom exceptions in Spring boot?

12) Employee Details Table contains Id, name, department, salary, manager .

Write a query to find the employee names whose department is 'HR'?

Query to find employees whose names starts with's'?

Query to find the employees names whose salary is in between 50000 to 100000?

13) Why do we need partitions in Kafka?

14) can we create a same topic in one partition?

15) Why we need to use kafka in applications other than Rest APIs or other streaming platforms?

16) How to update a value in db using spring boot?

Java questions

- 1) life cycle of a thread?
- 2) difference between linkedList and arrayList?
- 3) ways to create a thread and why we use runnable interface?
- 4) design a map which contains string and list of integers?
- 5) what is functional interface?
- 6) lamda expression ?
- 7) filter concept in streams?
- 8) why we use streams in java?
- 9) Implementation to get the keys and values individually from the map and add those to a saperate lists?
- 10) What is runtime and compile time exceptions ? Example for CT exceptions?
- 11) sample code of java8 to print even numbers of given array
- 12) java8 features
- 13) what is functional interface
- 14) stream api
- 15) design paterns in java
- 16) executor framework in java
- 17) hashmap working
- 18) intermidiate and terminal operator in streams
- 19) java 8 streams
- 20) default method in interface
- 21) lazyloading in java
- 22) what is blocking queue
- 23) java 8 features
- 24) terminal and intermideate operator in streams
- 25) Multithreading in java

Spring ,SpringBoot and Microservice

- 1) @primary in spring boot
- 2) what is the difference between spring and springboot ?
- 3) Annotations in springboot?
- 4) how to get the list of products from the DB using springboot?
- 5) how to get the specific product and move to addtocart?
- 6) how to buy a product?
- 7) which architecture has been used in previous project and why ?
- 8) how to add 2 dbs jdbc and hibernate configuration in springboot application ?
- 9) how to configure jdbc db in springboot application?
- 10) how to connect table to a spring application?
- 11) writing docker file
- 12) springboot annotations used in project
- 13) springboot profiles
- 14) what is kafka
- 15) what is circuit breaker in micro services
- 16) what is rest template in micro services
- 17) how do we write exceptions in spring boot
- 18) how to add two databases in spring boot project
- 19) exception handling in java in spring boot
- 20) Inversion of control and dependency injection
- 21) How to exclude a particular configuration in spring boot

Database:

- 1) logs in sql
- 2) index in sql
- 3) joins in mysql ?