**Sunil Kumar BS -25th Oct- Team Lead & Sr. Developer- JAVA -- Shivam (IN)**  
1. Introduction

2. Difference b/w for loop and stream API, when to use and cross questions, variable assignment inside Stream API clarification,

3. Stream Filter based scenario questions.

4. Array List<String> arr = new ArrayList<>(), Why we aren't specifying type at right hand side.

5. How to find Max value in the array list? Discussion about implementation, time complexity

6. How to find most occurrence in the list.

7. int a; Integer b; System.out.println(b) Default values, will compile the program. What is Integer?

8. What kind of values will accept array list? what will happen if Array list specified with primitive type.

9. What is Restful service and clarification questions on RESP Api.

10. Difference b/w post and put and cross questions like when, why, Whynot

**Mradul Awasthi1-26th Oct- Architect- Gowda KumaraSwamy(IN)**1.How to find most occurrence in the list. (Coding)  
2. What is Restful service and clarification questions on RESP Api.  
3. Past Experience Design Issues   
4.Current work and optimization  
5.Application Gateway features and why we use it.  
6. Role based authorization.  
7.Design Concept  
  
  
**Kalaimugal-27th Oct 2023 -Automation Testing-Rathi Gaurav(IN)**  
  
SAP Managed Services Interview questions for Automation Tester

1)Explain POM

2)Scenario for Scroll and find element

3)Array and List to find 4th greatest numbers in given list and writing java code

4)Test Plan creation and Manual Execution

5) Difficulties and overcome with that solution in automation

Note: They need Tester with Java core Expert and Junit and prepare more on Java basics then selenium and Katalon   
  
  
**ACHUTANANDA PANIGRAHI – 31st Oct 2023 – Java Developer- Poola , Praveen Kumar(IN)**

1. Rewrite a Java program that employs threads to print both odd and even numbers from 1 to 20.
2. Develop a method to determine the maximum and minimum values in an ArrayList.
3. Compare and contrast deep copy and shallow copy operations.
4. Explain the inner workings of the garbage collection process in Java.
5. Differentiate between ClassNotFoundException and NoClassDefFoundError in Java.
6. Determine when to use an abstract class or interface in your Java code.
7. Analyze the pros and cons of using loops versus the Stream API in Java.
8. Discover the most frequently occurring element in a list or collection.
9. Explore the uses and benefits of the ExecutorService in Java.
10. Distinguish between the purposes and applications of the "wait" and "sleep" methods in Java.
11. Examine the ConcurrentHashMap data structure in Java for concurrent data manipulation.
12. Define what a functional interface is and discuss its significance in Java.
13. Elaborate on the purpose and importance of the Optional class in Java, including when and why it should be used

**Debasis Sahoo- 31st Oct 2023- Java Developer-Chauhan, Chitresh(IN)**1. String s="abracadabra"  
2. String pattern="abc";  
3.o/p =[0,7]  
4.abc repeated at what place String buffer and string builder difference

**Prasad vandavsi : 31st Oct 2023 - Team Lead & Sr. Developer-** Thapar Shivam

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10. Difference b/w post and put and cross questions like when, why, Whynot

**Rashmi S : 31st Oct 2023 – Testing- Pradeep**

1. Explanation about the current project
2. Tools worked on will now
3. Test plan and test strategy
4. Selenium Annotations
5. Junit versus WebServices versus API difference
6. Agile methodology
7. Types of testing
8. Katalon

1. **Senior Developer**  
   1)class loader in java  
   2)hashmap implementation  
   3)final, finally, finalize  
   4)sort array using single loop  
   5)string reversal  
   6)string reversal without any built in methods  
   7)JVM implementation  
   8)garbage collection implemetation  
   9)shallow copy, deep copy
2. 10)Immutable class , example of immutable class. why String is immutable
3. 1)Hashmap implementation  
   2)SOLID principle  
   3)monolithic architecture  
   4)Why Spring?  
   5)Fibonacci series  
   6)Why is String immutable - what is the purpose of String to be immutable  
   7)how to detect lock in singly linked list
4. 8)Why microservices
5. 9)How to create immutable class in java

Nagarjuna  
  
1)Hashmap implementation  
2)SOLID principle  
3)monolithic architecture  
4)Why Spring?  
5)Fibonacci series  
6)Why is String immutable - what is the purpose of String to be immutable  
7)how to detect lock in singly linked list

8)Why microservices

Golden Nibisha Padmanabhan  [6:28 PM](https://lkindiateam.slack.com/archives/D062P2SFSMC/p1699361928774149)

9)How to create immutable class in java  
  
Ankush – Shambhavi – 2nd round - Java

1. Find second oldest employee from Employee table.
2. Find number of occurrences of each word in a given paragraph.
3. Convert number to words. For Ex: input = 1234, output = one thousand two hundred thirty-four.

QA- Suryam -   
  
Code to reverse a string and explanation of code

Inheritance questions

exception Handling questions(Try Except Finally)

Identifiers in selenium

Which is the most preferred Indentifier in selenium

difference between findElement and findElements

write expression for fetching first 10 row of table which has several columns using xpath

write query to join 2 tables

write query to fetch the data from table from 1st January 2023 to 31st March 2023

Different types of exception handling in selenium

what is bug and defect

what is test approach

what is test plan

Several questions from software testing  
  
Today's Interviewer: Biswajit Patnayak  
Questions:  
1. we have two arrays :  
List<Integer> A = {3, 5, 8, 10, 13}  
List<Integer> B = {1, 2, 4,5,6,7,11,14,15}  
write a java program to merge both these arrays to create a sorted array as below :  
List<Integer> C = {1,2,3,4,5,6,7,8,10,11,13,14,15}  
2. Explain the architecture of your latest project.  
3. What is abstraction in Java?  
4. In Microservices how do we handle a breakdown of service in any of the 2 microservice Service1, Service2 ?  
5. What is a Left Outer Join?  
6. Which one do you prefer? Spring  or Spring Boot?  
 Why?  
7. Explain how Spring Boot handles dependencies(How Spring Boot works)  
8. How you have handled Exceptions in your Spring Boot Application?  
9. What are the annotations you've used in SpringBoot?

Java  
  
1. Introduction  
2. Write a program to find Vowel occurrence in String and if file will Big.(Write a program)  
Solution : take a map with Character and Integer and iterate the string keep value in map on the base of isVowel() method  
3. Remove duplicate older entry on ID    (Write Query)  
 Use subquery with Groupby and having clause ..  
Delete from emp where id in (select id from emp group by id where count(\*) >1)  
  
  
**Interviewer name: Shimpu**  
Questions:  
1. Introduction  
2. Program to reverse linked list  
Input: head = 1->2->3->4->5  
Output: 5->4->3->2->1  
3. Program to reverse array in single iteration  
Given array: 1 1 0 0 1 1  
The resultant Array: 0 0 1 1 1 1  
4. Internal working of hashmap  
5. Explain JVM arcitecture  
6. Explain classloader and the types of classloader  
7. Explain JVM memory management  
8. Difference between stack and heap memory  
9. What are immutable classes? How to declare class as immutable?  
10. What is shallow copy and deep copy?  
11. Program to reverse string in java  
12. Program to generate Fibonacci series

1. Ankush  
     
   Introduction  
   2. Explain your roles and responsibilities on current project.  
   3. Project specific Questions  
   4. Given a string of english alphabets, provide java code to give the count of each vowels in the string.  
      String ="This is a test for vowel manipulation";  
   output expected : a=3, e=2, i=4, o=3, u=1

Morning interview --- piyush area --> Panel name: Pavan --> Ajay Kumar

1.introduction

In Project what you done

Any challenges you faced.

Abstract and interface

Hashmap and Hash tree

List and map

when finally block will not execute

What is Reflection

Fibnocci series -- find most

WAP To Find most occurrences of character in given string

how to create Customer class Exception?

Java works as “pass by value” or “pass by reference” phenomenon?

difference failfast and failsafe

Ankush Area -> Akshay -> Ajay

String Pool in Java

Abstract and interface

what is Microservices and why?

What Is API?

Difference between @restcontroller and @controller

List vs set

Hashmap and Hash tree

Thread and process

Heap vs stack

How to check to string are same or not

Types of inheritance

Oops concepts

Difference between Association and composition and aggregation

Why string immutable

How to create.

Hql database

What is Hibernate

Second highest value from given array list

What is the main objective of garbage collection?

What is the importance of reflection in Java?  
  
**Interview of Suryam for Piyush area: QA Automation(Panel: Chandresh Parmar)**

1)SQL query to join two tables on given conditions--they may ask to try with another approach which is more efficient

2)A table has several data, and we are making get API request on that, so what will the output whle fetching each row individually.

3)constraints in SQL

4)Null value/not null in SQL

5)API status code -- can we change description of status code, scenario-based question on that

6)Why OOO programming, different OOO concepts

7)Class and Interface

8)how selenium automation works

9)what the working of selenium driver

10)wrote 2-3 lines of selenium code and asked what will execute and what will be the result

11)how framework works-- kind of diagram overview

12)Given whiteboard marker and asked to tell 5 functional use case and 5 non-functional use case

13)how did you use inheritance in your previous framework, give an example

14)if we write driver.Quit(). then will the exe file in taskbar gets killed asap or not?

**Interview of Suryam for Ankush area: QA Automation(panel: Sourabh)**

1)Framework questions.

2)OOPs concept

3)coding questions of strings/lists--they may ask to try with another approach

4)Basic theoretical questions from Java/python

5)Find element and find elements. return type of this

6)wrote some selenium code and told to write xpath. then they will ask why u used that xpath

7)wrote HTML code and ask some locator questions from that

8)scenario-based question from selenium.

9)gave one scenario of login page and asked to make use cases from it. and derived several questions from that

10)Several questions from git/jenkins

11)code to frequency of words from given statement

12)code to extract each digit from given number and print or store in list. ex:- 354(list=[3,5,4])

Ankush Building:-

1-Project architecture

2-what is reflection

3-what is constructor what is the use of constructor

4-program to clear vowel and print rest of words.

5-HashMap vs HashSet

Piyush Building:-

1-bubblesort vs quicksort ? which one is faster

2- write rest api endpoint  for file Upload? what is the use of multipart?

3-write program to reverse the Linked List?

Ankush :

Interviewed by Deepa

Gave me code pieces from javacript,css and angular and asked me to explain the code.

Asked on Angular Directives

Asked me to write a code in sandbox to hit https://jsonplaceholder.typicode.com/todos api and show this data in anugular template

Code in white board and laptop

Piyush:

Interviewed upadya

Asked me about let and var variable declarations and thier technical difference

Hoisting

Closures

bind(), call(), apply()

Custom Directives

Structural Directives

Component communication

Global scope,Local scope,block scope

API error handling

Differnce between observables and promise

Code in white board and laptop

PIYUSH

asked about the java coding,

convert the string to int.

java utils class

selenium concepts,

return type of find elements & find element.

debugging the real time code

handle the dynamic element in web table

ANKUSH

reverse a string word by word.

Abstraction & Interface.

try,catch & finally concept, java utils, super class

design framework.

API testing, postman

type of API request type( GET,PUT,POST etc)

status codes of different API requests

selenium concepts

SQL concepts( fetch data from tables and update it).

**ANKUSH  -**

1) personal intro - roles and responsibilities i handled in previous project, any challenges and how did i over come them

2) JAVA - asked mainly about java coding, gave some realtime scenario's and asked to write code.

                  like recurrence of charactors in a given string

3) selenium -

4) testing concepts

**PIYUSH -  Panelist  was Vinita**

1) personal intro - roles and responsibilities i handled in previous project, any challenges and how did i overcome them

2) asked mainly about java coding, test architect level questions like designing framework(why did u use testing ? ), asked about GIT concepts

3) selenium questions - locators , explain types of locators

4) testing concepts - test plan, test estimation, sit vs integration testing ,

QA Automation questions :

Piyush -

1. Program to check if a string 1 is present in string 2. Ex - str1 - "good" str 2 - "good morning".

2. Code flow for REST API call.

3. Scenarios for unit testing.

4. what is test plan and test strategy

5. Test cases for TV remote volume button. what will be your test plan.

Ankush -

1. write a program to delete duplicate characters in a string.

2. how the above question can be done in other ways.

3. how hashmap and hash set works internally.

4. what is regression testing

5. test case scenatiors for a pen. State the functional and non-functional test cases.