**Cognizant Interview questions**

**Java Questions:**

1. What is string? Write code to reverse the string as mentioned in the output?

Given String: **Selenium Web driver is open source tool**

Output String: **tool source open is Web driver Selenium**

2. Write code to print the given pattern?

**1 2 3 4 5 6 7**

**1 2 3 4 5 6**

**1 2 3 4 5**

**1 2 3 4**

**1 2 3**

**1 2**

**1**

3. Write code to print "**A1B2C3D4E5...........Z26**"?

4. Why string is immutable in nature?

5. What is the difference between **Final**, **Finally** & **Finalize**?

6. Write a code to print the missing numbers between five inputs provided by user at run time using scanner class?

**Example:** With the help of Scanner class, we have to take five inputs(u can take any random number) Like: 5, 45, 50, 52, 91

Now you have to print the missing numbers between all the numbers. Like 6 to 44 than 46 to 49 than 51 than 53 to 90.

But if user entered the number not in any order Like: 5, 2, 98, 50, 16

so first you have to sort it in some order & than print the missing numbers

7. What is the difference between array & array list?

8. What is the difference between hash map & linked hash map?

9. What is the difference between String, String buffer & String Builder?

10. What is the difference between interface, class & abstract class?

11. Can interface have concrete class?

12. What is Checked & Unchecked exception?

13. How to handle checked exception?

14. How to store below mentioned data in collection? Write code?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Roll No. | First Name | Last Name | Phone No. | Address |
| 1 | AAAAA | BBBBB | 46698324651 | A/12, Pune |
| 2 | CCCCC | DDDDD | 35465368713 | B/13, Pune |

**Selenium Questions:**

1. How to launch browsers(IE, chrome & Mozilla). write code?

2. Write code to establish JDBC connection?

3. How to read .txt file? Write code?

4. How to read property file & excel file? Write code?

5. What is testNg framework? what are the features of testNg framework?

6. What is the listener in testNg? List out those listeners which you used in your company?

7. Write code to take screenshot?

8. How to perform parameterization?

9. Explain your last company project framework?

10. What is Page Object Model(POM)? what is advantage and disadvantage of POM?

11. What is Page factory? How to create object of class using page Factory class, Write code?

12. What is Alert, frame in selenium web driver? Write code?

13. How to refresh the web page?

14. What is the difference between get() & navigate().to() method?

15. What is Maven?

16. What is dependencies in Maven? Tags in POM.xml file for adding dependencies?

17. What is repository in Maven? Types?

18. What is Cucumber framework?

19. What is feature file & step definition in cucumber?

20. What is tags & hooks in cucumber?

21. What are the keywords used in feature file? What is the use of keyword "background" in feature file?

22. How to run test case for multiple data in cucumber? how to pass multiple data for a test case in step definition?

23. How to run test cases for more than one tag name in cucumber?

**Manual Questions:**

1. Difference between regression & retesting?

2. If you have 500 test cases to execute. and in a week, you can execute only 100 test cases. And you have only 3 weeks to execute all the test cases. and all are critical in nature. So what will be approach?

3. What is agile ?

**General Question:**

1. Introduce yourself?