

## JAVA

1. What would you rate your Java experience out of 10?
2. What is your Java level? Do you use it in terms of testing only or in terms of development as well?
3. OOP concepts and how I used them in my last project
4. Several OCA type of questions: variable scope, default value if instance variable not declared, switch statement with missing "break"...
5. What do you know about Interface?
6. What is the benefit of Interface? What is the benefit this that we put methods inside an interface without body?
7. How to call the last stored variable in a List Array.
8. How to compare to arrays? What if values same, not same order?
9. From java part, interfaces, what are pro and cons?
10. What kind of collections you used in java ?
11. Where do you use Set, HashMap, List in your framework?
12. What is difference between iterator and for/for each loops?
13. What iterator methods do you use?
14. What is your Java level? Do you use it in terms of testing only or in terms of development as well?
15. Do you use streams? How do you write or read data from or to file with Java.
16. Can you differentiate that Heap memory from the stack memory?
17. How about memory management. The difference between heap and stack?
18. Share the screen with a code. Find what is wrong in the code or how would you refactor it.
19. You have a list of fruits which some of them repeats. How would you write a method which will return a fruit that repeats the most?
20. Wrote Palindrome method
21. JAVA VERSION
22. Abstraction vs interface
23. Java generics
24. Filtering and mapping in java
25. I was talking about some of the OOP concepts
26. Task with arraylist to remove string that contains "d" letter
27. Java coding: method that reverse string?
28. Java coding: method that writes prime numbers?
29. What does HashMap explain, how do you use in your framework?
30. What is thread safe? How do you make your code thread safe?

31. Interface vs Abstraction?
32. Explain Access modifiers in Java ?
33. String builder/buffer differences?
34. Most complex code that you wrote?
35. String str="cvs heath"; Please remove space.
36. Please reverse just the second word.
37. OOP concepts with examples?
38. How can you achieve abstraction?
39. What is the difference btw List, Queue and Set?
40. What is a Map?
41. How do you iterate over HashMap?
42. What is multithreading and how would you use it as a test engineer/QA
43. What is garbage?
44. What is a class in java?
45. The Cart Summary displays the estimated order total, including a breakdown of the merchandise, shipping & handling, discounts, and tax. We need to create an automated test to validate that the sum of the amounts displayed equals the estimated order total. Using your favorite programming language, illustrate how you would approach implementing this automated test.
46. Write a program where you get 2 parameters (a date and a number). The program should return a date field which is calculated by adding the number to the date passed as a parameter. For example: If Apr 1 and 3 are the parameters, then the program should return Apr 4 (Apr 1 + 3)
47. Write a Java program to create a character array containing the contents of a string. String value "Java Test"
48. What kind of exception u faced and how u handles
49. What is interface in java
50. What would you rate your Java experience out of 10?
51. What is the difference between a Hashmap and Hashtable?
52. What is the difference between LinkedList and ArrayList?
53. What are OOP concepts and can you please briefly explain them?
54. What is polymorphism? What is runtime polymorphism?
55. Give me an example from your framework where you used OOP concepts.
56. What makes Java a managed language?

57. Java coding challenge (from Apple interview):

//Validate the Sudoku puzzle

/\*

{8, 1, 2, 7, 5, 3, 6, 4, 9},

{9, 4, 3, 6, 8, 2, 1, 7, 5},

{6, 7, 5, 4, 9, 1, 2, 8, 3},

{1, 5, 4, 2, 3, 7, 8, 9, 6},

{3, 6, 9, 8, 4, 5, 7, 2, 1},

{2, 8, 7, 1, 6, 9, 5, 3, 4},

{5, 2, 1, 9, 7, 4, 3, 6, 8},

{4, 3, 8, 5, 2, 6, 9, 1, 7},

{7, 9, 6, 3, 1, 8, 4, 5, 2}

Check for the following conditions:

-Each row contains unique values from 1-9.

-Each column contains unique values from 1-9.

-Each of the 9 sub-squares, of size 3x3, contains a unique value from 1-9.

\*/

58. **Coding challenge from JP Morgan Chase:**

Jumbled Numbers

Programming challenge description:

In this challenge, you're given a string containing jumbled letters from several concatenated words. Each word is a numeral from zero to nine. Each numeral may be used multiple times in the jumbled string.

Write a program that returns integers corresponding to the numerals used to form the jumbled string. Integers must be sorted in ascending order.

For example, reuonnoinfe are shuffled letters of the strings one four nine. Your program's output should be 149.

Input:A string formed from jumbled letters of numerals. For example:reuonnoinfe

Output:A sequence of integers used to form the string in ascending order. For example:149

Test 1

Test Input

Download Test 1 Input

reunnoninfe

Expected Output

Download Test 1 Input

149

Test 2

Test Input

Download Test 2 Input

oeisowufxrzohgiettr

Expected Output

Download Test 2 Input

02468

Test 3

Test Input

Download Test 3 Input

veiifogvweesotwnetnvfeheiot

Expected Output

Download Test 3 Input

1225578

Test 4

Test Input

Download Test 4 Input

xtneiootnrnoeneeeuoehoetehounzoiuetrhfefeezuivirfwieotgoottfnrnneghetserhr  
wsgesfherhtiitrerevreernhveo

Expected Output

Download Test 4 Input

0011122333334444567788899

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.nio.charset.StandardCharsets;
import java.util.*;
```

```
public class Main {
```

```
    /**
```

```
     * Iterate through each line of input.
```

```

    */
    public static void main(String[] args) throws IOException {
        InputStreamReader reader = new InputStreamReader(System.in,
            StandardCharsets.UTF_8);
        BufferedReader in = new BufferedReader(reader);
        String line;
        while ((line = in.readLine()) != null) {
            System.out.println(line);
            char[] charArr = line.toCharArray();
            List<Character> charList = Arrays.asList(charArr);
            System.out.println(charList);
        }
    }
}

```

59. Abstraction vs interface
60. Java generics
61. Filtering and mapping in java
62. I was talking about some of the OOP concepts
63. Task with arraylist to remove string that contains "d" letter
64. .Given an unsorted array nums, remove the duplicates

Example:

nums = [3,1,2,1,2,3]

output = [3,1,2]

output = [1,2,3]

You can not use any ready libraries or methods. I completed a sorted array using bubble sort. He asked me to try to complete without sorting.

65. Given the following method signature,

```
int MaxWindowTotal(int[] values, int windowSize);
```

MaxWindowTotal will take an array of integers and a windowSize, and return the maximum total of any consecutive sequence of integers of length windowSize.

For example, given (array = [5, 12, 25, 7, 9], windowSize = 3), the method will return 44 (the sum of 12, 25, and 7 is the greatest total of any 3 consecutive integers in the array).

You can not use any ready libraries or methods. I completed it with nested loops  
he asked me try to do it without having nested loops.

66. Remove all extra spaces from the string.

Input : " Hello world I love Java "

Output: "Hello world I love Java"

I solved it using substring she asked me to solve using StringTokenizer and then  
using trim() and split() methods.

67. I want you to create method to rearrange array according to parameter

Input (int[]{1,4,5,9,3} , 3)

Output {9,3,1,4,5}

So basically shit to the left depends on 2nd parameter

68. Write method that will take 2 strings as parameters and check if they are  
anagrams.

Example (cat, tac) - true

(tom, mott) - false

I solved it using map where key was character and value was number of  
appearances in string. (Use method getOrDefault to create such map with  
single loop).

69. Given sorted array return element that is closest to the key

Example (1,3,5,9,11), 6

Output -> 5

I used binary search here. Sometimes they did not wait until I finished and just  
gave next task after I explained way how to solve it in details.

70. Write mother that will return sum of 2 double digits that are provided as strings.  
MUST work for any amount of digits after point

Example 1.92342349234923942394 and 1.234234234234234234

It must return sum as a string. Difficulty here is that we can not just use wrapper  
class convert it to double and sum them because if it has a lot of numbers  
after point it will return something like this 2.E43 but we want to keep all  
digits. So I converted it to arrays and worked with it like that.

71. What is global variable?

72. Provide me with an example of 4 concepts of OOP that you have implemented in  
your framework.

73. How do you handle exceptions? What is the most recent exception that you get?
74. How would you reverse a String?
75. Coding Challenge: Reverse a given string in a custom method?
76. Coding Challenge: Find the longest substring with k unique characters in a given string? The first value inside the given string represents k unique characters, and the rest is the original string that is to be checked to find out the longest substring.
77. Exceptions (very little).
78. What do I know about OOP?
79. Difference between comparable and comparator interfaces ,
80. Difference between protected and default
81. Can you give "public" access modifier where you are overriding a protected method
82. How can you find max value in an int array
83. Can class be final?
84. Hashmap, where do you use in your framework?
85. OOPs and give examples from your recent activities
86. Reverse sequences of words in sentences and remove dot and add somewhere the developer wants
87. Static methods
88. Heap stack difference
89. Access modifiers?
90. Static , non-static methods ?
91. Up casting, down casting?
92. What is encapsulation?
93. What is the difference between final and finally?
94. Tell me how do you understand immutability in java and what is the difference between mutable?
95. How do you achieve immutability?
96. Can we have multiple inheritance in java? If yes, how do we achieve that?
97. How did you implement polymorphism in your Framework?
98. What could be the reason if you are getting NullPointerException
99. Exercise1:

Develop automation script by using Java& selenium libraries for following test case:

Our partners logo, name and description validation:

Test Steps:

open

<https://www.achieve3000.com>

click hamburger menu( left corner) in top right corner

open Our Partners from the list

List all partners logo

check all presented partners has logo, header and text description

#### 100. Exercise 2

:Please review below code & provide your feedback.

```
public class TASK123456 extends UGHTest {
    String currentURL = "";
    public static String myProgram = "MyProgram";
    static String[] access = new String[3];
    public static void myIni(ITestContext context) // Curly brace is missing here
    try{
        String[] str = context.getCurrentXmlTest().getParameter("knownIssues").split(";");
        for(int i=0; i<str.length;i++){
            knownIssues.add(str[i]);
        }
        flag_single_sign_on_url =
        context.getCurrentXmlTest().getParameter("flag_single_sign_on_url");
    }catch(Exception e){
        System.out.print("\n error:"+e.getMessage());
    }
}

@DataProvider(name = "validLogins", parallel = false)
public static Object[][] credentials(ITestContext context) {
    myIni(context);
    try{
        Map<String, Map<String, Object>> items =
        AdminUserConfig.getAdmins("src/data.yml");
        String[][] usersInfo = new String[3][3];
        ArrayList<Integer> alreadyUsedSubscriberType = new ArrayList();
```



```

int i =0;
for (String key : items.keySet()) {

    Map<String, Object> user = (Map<String, Object>)items.get(key);
    if(((String)user.get("scenario")).equals("valid") && !
    alreadyUsedSubscriberType.contains(user.get("subscriberType")) && false) {
        alreadyUsedSubscriberType.add((Integer)user.get("subscriberType"));
        usersInfo[i][0]=(String)user.get("username");
        usersInfo[i][1]=(String)user.get("password");
        Integer subscriberType= (Integer) user.get("subscriberType");
        usersInfo[i][2]=subscriberType.intValue()+"";
        i++;
    }
}

for (String key : items.keySet()) {
    Map<String, Object> user = (Map<String, Object>)items.get(key);
    if(((String)user.get("scenario")).equals("anotherAdmin")) {
        access[0]=(String)user.get("username");
        access[1]=(String)user.get("password");
        Integer subscriberType= (Integer)
        user.get("subscriberType");
        access[2]=subscriberType.intValue()+"";
        i++;
    }
}

int numberOfTests = 1; // or = i;
String[][] usersInfo2 = new String[numberOfTests][3];
System.arraycopy(usersInfo, 0, usersInfo2, 0, numberOfTests);
return usersInfo2;

```

```

}catch(Exception e){
    System.out.println(e);
}
return null;
}

@Test(dataProvider="validLogins", groups="Regression Test")
public void loginAsDaOrSaFromAnotherDistrict(String uid, String pwd, String
customer_type) throws InterruptedException, Exception {
    //Test 12344
    String methodName = Thread.currentThread().getStackTrace()
[1].getMethodName()+uid;
    ini(methodName);
    WebDriver driver = driverList.get(methodName);
    WebDriverWait wait = new WebDriverWait(driver, waitInterval);
    waitList.get(methodName);
    loginUGH(uid, pwd, customer_type, driver, methodName);
    new IndicatorCards(driver, waitInterval, codeBase);
    UserPage userPage = new UserPage(driver, waitInterval);
    userPage.waitInterval = waitInterval;
    driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
    userPage.openFilterPanel(driver, methodName);
    Filters filtersPage = userPage.getFilters(methodName, driver,
waitInterval, knownIssues, forceDateRangeInd forceDateRangeValue, true,
forceSchoolYearValue);
    filtersPage.setUpFilters(customer_type, methodName);
    BestPage bestPage = new BestPage(methodName, driver,
waitInterval, codeBase, knownIssues, forceDateRangeInd, forceDateRangeValue);
    currentURL = bestPage.getMark(methodName, filtersPage);
    userPage.waitInterval = waitInterval;

```

```

userPage.logout(driver, methodName, waitInterval);
userPage.useBestPageFromUserFromAnotherPlace(currentURL,
driver);
loginUGHLight(access[0], access[1], "skip", driver, methodName);
//
wait.until(ExpectedConditions.visibilityOf(bestPage.popup3));
//
wait.until(ExpectedConditions.visibilityOf(bestPage.popup4));
wait.until(ExpectedConditions.visibilityOf(bestPage.popup2));
Assert.assertTrue(elementIsDisplayed(new WebElement[]
{bestPage.popup2}), "Permission Denied popup is missing");
}
}

```

101. How can you find the second biggest number in an array?
102. Rate your Java skills.
103. Let's say You have 1000 words of text and if I ask you to count how many times those 3 statements such as "wrong message", "error message", "incomplete message" appear inside that text?
104. Array or ArrayList to use? Why?
105. How do you use Hashmap?
106. Method overloading versus Method Overriding? Where did you use it?
107. Which one to use in order to preserve the order? (Asking about the interface implementation here)
108. You have two string values, how do you compare them?.
109. How do you compare two values from different data structures?
110. Tell me about OOP concept and how did you apply in your project?
111. What are the differences between Abstract and Interface? Where did you use it?
112. What are the differences between Throw and Throws keyword?
113. How do you handle exceptions in Java?
114. Tell me the differences between Final, Finally, Finalize Keyword?
115. Tell me the differences between HashMap and LinkedHashMap?
116. Tell me the differences between Static and Instance Variable/Block?

117. Is it necessary that each try block must be followed by a catch block?
118. What is Singleton and where do you use in your framework ?
119. About the task I had, I am sending the task next line and my github link I hope it can be helpful. ( <https://github.com/alihsancelik/ExchangeCurrency.git> )
120. Why you use POJO?
121. Do you know another programming language? Why did you prefer learning Java first?
122. What are the differences between Java and type script languages?
123. Why OOP concept is important for producing a software?
124. Tell us the logic behind all OOP concepts with examples.
125. (by sharing screen and opening a blank page) write us a code to find the repeated words in a string?
126. Interface vs abstract class. Static keyword
127. You are talking about inheritance so how do you use superclass variable in the subclass?

## SELENIUM CUCUMBER J UNIT

1. Why do you use BDD framework ?
2. How do you use data in your tests? Excel, scenario outline and json (map in Java) [In classes talk more about test data, location, reading, utilization etc. emphasize in class framework](#)
3. Why do you use Maven?
4. How did you assert uploading files work selenium? [Show scenario or add to homework](#)
5. How did you do drag an drop (other actions class stuff as well)?
6. What are the locators you've used.
7. What Selenium locators do you know?
8. What is page object model and its benefits?
9. What are the packages in your framework?
10. How can you only run the failed tests in your framework?
11. Why do you use cucumber options?
12. What would you do if you want your tests to continue running even if one test fails in your regression testing? (Wanted to hear about soft and hard assertions)
13. How do you locate dynamic web element?

14. How do you retrieve the data from 50 pages and check if the data is in ascending order. [Add to practice session or homework, logically complex scenarios should be avoided in class \(THIS IS NOT SQL QUESTION\)](#)
15. In how many ways you can write an XPath to locate a dynamic web element?
16. How do you determine what test cases should or can be automated?
17. How do you retrieve all data from web table with Selenium
18. Give us an example, step by step, how you would automate a test case on UI and API side. What do you do?
19. Selenium questions (synchronization, locators, frames)
20. What Selenium WebDriver methods do you use?
21. What is your Selenium locator strategy?
22. How do you handle pop-ups?
- 23. How do you handle iframes?**
24. Let's say there are multiple iframes on a page, but we don't know how many, and you need to click a button within one of iframes, what would be your approach? Can you create a method that will check all iframes until find that button?
25. How you handle synchronization?
26. How do you handle dynamic web-elements?
27. I said the app has a dashboard and he asked What is dashboard, make sure what a dashboard is?
28. What is scenario.
29. What is a dynamic object?
30. What do you use for testing, probably he meant for assertions like Junit testNG.
31. In your cucumber , how are you designing scenarios. Like do you get input from external file or provide it in scenario.
32. Imagine you have a notepad, or xlsx file in which the 1st and 3rd rows are numbers from 1 to 1000, 2nd row are randomly filled with +, -, \*, / mathematical operators. How do you read this file to return results in 4th row? [Should be java, is file io and loop logic](#)
33. What is your automating approach?
34. What challenges you faced in terms of java-cucumber-selenium implementation?
35. What kind of different browsers do you use?
36. Did you use headless browsers?
- 37. Do you use parallel testing?**
38. Let's say in a particular test case, we want to run 2 different browsers at the same machine. When you are executing in two different browsers, how do you manage your variables, how do you store the result of each browser?
39. Where do you get your test data from? Can you generate it? If so, how do you generate it?

40. How do you structure your test data? What is it based on in your application?  
How do you decide?
41. What are Selenium methods you use on every day basis?
42. How do you decide which locators to use?
43. **What is difference between CSS and XPath?**
44. How do you switch between browser's tabs using Selenium?
45. What is the difference between driver.close() and driver.quit()?
46. How do you handle pop-ups and alerts?
47. What dependencies do you use in your framework?
48. How do you create a framework from scratch?
49. What is Selenium Webdriver as you mentioned it in your resume?
50. How do you handle dynamic object? He meant dynamic web element.
51. Cucumber annotation
52. Explain your Runner class
53. How do you automate email notifications
54. What is Java Script executed? And what situation would you use that in selenium automation?
55. What are the different types exceptions you run when using selenium web driver?
56. How do you manage your test data.
57. You are going to watch on the current automation script. Currently which is lacking the readability of the script. What other test approach would you recommend? (Talking about selenium script readability)
58. Do you add in comments?
59. You have a scenario outline with 8 lines, how many scenarios will you have in your report?
60. Why did you decide to use Cucumber?
61. What is your Tag strategy in Cucumber. How do you separate multiple Tags in Scenario.
62. located element on google page
63. explained how cucumber runner
64. We have a web page. The web page may say something and give you an option to export the PDF. When you click export pdf it opens up in a new page of a pdf. I want to know if There are no blank pages in the PDF. What would be your general process to validate that? [If it keeps coming can do sessions for alumni](#)
65. The pdf the number of pages might vary. I want to know if there are no blank pages in the pdf. Pdf testing is not in our curriculum. [If it keeps coming can do sessions for alumni](#)
66. Advantage of the POM

67. Cucumber annotations(i told my framework fully)
68. Tell us how you execute BDD, what it means explain?
69. What are Maven Artifacts?
70. How you execute DDT? Reading from excel, Data provider briefly explain?
71. TestNG and JUnit differences?
72. Hands-on practice: He share his screen and he run their cucumber test case, it failed and gave error on terminal. He asked me what is the error and check the code at step definition file and find the error in java code.
73. Hands-on practice: He asked me locate the one element by writing xpath/css on their webpage?
74. Hands-on practice: He showed HTML page and asked me to write how to go from parent to child and second sibling by writing xpath?
75. How to get text in Selenium?
76. Tell me Actions class in Selenium?
77. How to handle pop ups?
78. How to find broken links in web page? [There is a homework for it](#)
79. Tell me how reporting works in your framework?
80. What is Page Object Model? Benefits?
81. Wait types in selenium?
82. How to switch windows tabs?
83. Maven goal life cycle commands;
84. What does 'clean' command do?
85. What does 'verify' command do?
86. What does 'compile' command do?
87. What is maven .m2 folder? [Talk in class if there is time](#)
88. 18. Differences between testNg and Junit?
89. What is cucumber flow?
90. How do you handle synchronization issue? Which wait you used most?
91. How do you handle popups?
92. Tell me alert class methods?
93. Absolute and relative path differences
94. Iframes?
95. Selenium locators?
96. Find element and find elements differences?
97. **How do you handle dropdown?**
98. Tell me action class methods?
99. POM ?
100. How do you handle second/multiple tabs?

101. How do you retrieve the data from 50 pages and check if the data is in ascending order. [Add to practice session or homework, logically complex scenarios should be avoided in class](#)
102. You have 3 pages. Page 1 and page 3 your responsibility. But page 2 is not. If you find a bug in page 2 how do you handle it?
103. If you find defect in Production environment. What do you do? [Soft skills question](#)
104. Please setup chrome browser. (I created driver utility class)
105. Please go cvs.com webpage. Click minute clinic module send zip code to search area . Take all results.
106. Whats assert and verify. Whats difference
107. And how do you open chrome browser from selenium
108. And how you will read data from excel (apachi poi). I explained briefly
109. How you handle dynamic elements in Selenium
110. How you handle drop down in selenium.
111. What difference between thread sleep and expl wait
112. How you handle pop ups in selenium
113. How to verify tooltip in selenium ?
114. How to compare data from dropdown UI with the data from db table?
115. Difference between xpath and css
116. Synchronization issues( explicit and implicit wait)
117. What is the difference between TDD and BDD? (also Data Driven Testing)
118. Why did your team choose Cucumber as a framework?
119. How do you decide which test cases to automate?
120. When you choose a test case to automate, do you automate the entire test case?
121. What is the metric for test coverage in your team? How do you ensure full test coverage?
122. How do you handle frames in Selenium?
123. What version of Selenium were you using?
124. How do you address synchronization issues in Selenium? (implicit vs explicit waits)
125. What are some ways of locating elements using Selenium? (xpath, css, etc.)
126. What are some common exceptions in Selenium and what are their differences?
127. Compare xpath vs css.
128. How do you handle multiple windows/tabs using Selenium?
129. How do you handle Windows OS pop-up alerts with Selenium? (you can't. This is one of Selenium's limitations. You must say we need to use 3rd party apps).
130. How do you locate dynamic elements?
131. What kind of reporting feature did you have in your framework?



132. How do you handle browser pop ups?
133. How would you get all links on the website using Selenium?
134. How do you work with drop-down menus using Selenium?
135. Did you have to handle cookies in your current web app? If so, how do you do that with Selenium?
136. What is hard assert vs soft assert?
137. Cucumber annotations(i told my framework fully)
138. How do i know if my test case is good.(something about measurement)
139. Advantage of the POM
140. Selenium synchronization all types of waits
141. Selenium AJAX calls [talk about it in class little bit](#)
142. Selenium locators when and how to use properly. Why always using XPATH is bad
143. How you work with cookies in selenium and why you need it
144. How you use cucumber
145. Waits in Selenium
146. Frames in Selenium why we have it, how to test
147. Logs how use use it
148. What tools you use to implement DDT(data driven testing)
149. --Parallel test execution, how you do it.
150. -TestNG annotations, listeners [don't recommend listeners as part of the curriculum.](#)
151. -Did you create cucumber framework from scratch, why you decided to use cucumber
152. He asked me to write a test case for testing Captcha in Gherkin language.
153. Page Object Model
154. When why and how you use JS executor
155. The most difficult test case you faced in ui automation.
156. Opened a page showed the calendar part and asked me how to test it, my approaches
157. Which waits do you use in your project?
158. What kind of locators and why?
159. How do you locate color part with css?
160. Cucumber reporting? Who is responsible from the reporting part?
161. How do you achieve POM design in your project?
162. What is iframe and how to handle
163. Which dependencies you have on your pom.xml file
164. Feature file example
165. If you can't find a webelement second time what would be your approach
166. Excel file reading
167. TestNG annotations and why we use them
168. TakeScreenShot method
169. Tell me about your framework
170. Does TestNg support parallel testing by default?

171. Do you write different scripts for each environment?
172. Have you ever had an experience using the build tool GRADLE?
173. Data Driven Framework, how do you read the data from Excel files and validate them?
174. What is the use of having Page Object Model in your framework and how do you implement it?
175. What are the advantages of BDD?
176. Do you prefer to use BDD again, if so why?
177. On a piece of paper written question, how would I automate it? ( in person)
178. How often do I do smoke and regression testing?
179. How do I proceed with building Framework from scratch?
180. What tools would I use? Why?
181. Two different methods to implement waits.
182. In what kind of framework I used selenium, what tools? Why?
183. Parallel testing with selenium.
184. Do I know what Gherkin is?
185. How would I automate the test case ( given verbally) ? I used for each loop and described logic.
186. My first round they ask me basic selenium questions and second round they let me automate they own web page
187. I was worrying about bookish questions and coding tasks. So, I prepared a basic Amazon search project using java-cucumber(on IntelliJ) and python (on PyCharm). If I fail on bookish questions and coding tasks, I was going to suggest presenting these projects and try to survive. We started to talk about my background on my resume step by step. When I found a chance, I suggested sharing my screen and presenting my project. He said, when he finishes talking about role information, I can present it. He talked about the project and what they expect from me. I asked him about team structure etc. Then he gave me an opportunity to share my screen and present my projects. I explained all details about the project from scratch. From pom.xml, page object model, overloading, inheritance etc. to running the tests. He asked all questions on the project. How I write feature files, which language I use on a feature file, how I run tests, how I produce reports etc. all details. Then he asked about how I find web elements on the page. I showed on the Amazon page in several ways. And I also showed a python project(there python was on the job description). And he said "I got answers to all my questions, these are my expectations from this role and this has been the best interview that I have done until now. ". I think he gave up asking coding tasks etc. And 4 days later, I got an offer letter by email link.
188. How to switch the hybrid app to the native app [Not in the scope of selenium course, may be mobile](#)
189. How can you handle the elements for the web , hybrid, native apps at the same time with only one method. They all have different locators... [Not in the scope of selenium course, may be mobile](#)
190. How can you pass the parameters in cucumber

191. How can you pass the parameters between steps (it is following the previous question)
192. if we send you a computer before you start to work what you will do?(I think he mean which package or programs should I install) [just give the list with options, no need to do in class](#)
193. <https://github.com/wests5/frontend-qa-assessment-java> for assessment questions [Clone the assignment and do this as extra not part of extra material, it is not recommended to add saucelabs to curriculum. Enough tools](#)
194. How do you report, what do you have in report?
195. Where do you store all of your reports, and failing report as well?
196. What is the difference between a selenium testing project and cucumber bdd framework which one is your preference?
197. Which browser do you use? and how to handle the locator problem if you run your test on a different browser?
198. She opened to like thy website and asked me how to test in here just tell? We talk about sign in part a lot and ask me how to test in this part and if you use a valid credential, it is not success what you will do?
199. Singleton why do you use what are the benefits?
200. How do you feel about selenium, are you comfortable?
201. How to combine selenium and java in your testing?
202. Do you know DOM?
203. Web combined?
204. What is html? Can you explain how it works?
205. Opened the bank of america web site and ask me some questions about that like how to test?
206. Opened a website and asked me to make up some test cases to test the page.
207. How to automate the login page from selenium?
208. How do you automate your test cases, what is your approach? Walk through.
209. Have you worked with any design pattern other than Page Object Model?
210. Gherkins keywords(given, when, then, and)
211. How do you perform doubleClick() (they asked exact syntax)
212. When and how to use JavaScript executor
213. What are JUnit annotations?
214. What is the use of Selenium Grid?
215. How do you accomplish parallel execution in selenium grid?
216. How do you use implicit wait?
217. Can you walk us through your experiences about your Selenium, Cucumber and Junit?
218. How to find data in a web table?
  219. If there are two matching values, how do you differentiate them ? (html)
  220. How do you use Parameterization in cucumber?
  221. From a dropdown, how do you verify and validate the element is the correct one?

222. How do you iterate over the Map? Get me key and value? -> Coding Selenium
223. How do you handle dynamic element in Selenium?
224. How do you handle dynamic table?
225. What is Iframe and How do you deal with it?
226. What do you use for scrolling if Action class does not work?
227. Tell me the different types of Alerts?
228. How do you do cross-browsing testing?
229. How do you use Selenium Grid in your current project?
230. Tell me about your Framework structure?
231. Why are you using BDD Framework?
232. What does @Cucumber Options do? Tell me what you have inside?
233. What is Background? Why you use it?
234. What is Hooks? Why you use it?
235. What are the differences between Background and Hooks?
236. What is DataTable in Cucumber?
237. What is Scenario Outline?
238. What is Data Driven Testing?
239. How do you run ONLY failed Tests?
240. What reports do you generate in Cucumber?
241. ucu
242. Imagine that developer (for some reason) changed all id's on a page and you have 1000 test cases (100 web-elements) related to this page. How you'll fix that?
243. What is BDD/TDD/KDD? Why we need it? Is the BDD at same time is the KDD?
244. How to handle pop-ups and iframes in Selenium
245. how do you handle invisible/ hidden elements in Selenium
246. You mentioned cucumber BDD framework, there are two different types of cucumber BDD which one is yours?
247. They gave me a WebElement and told me to write the relative X-Path for it (all of the values of the attributes were dynamic).
248. Tell me about your Page Object Model Design and what is the reason you use why it is benefical ?
249. What do you have in your Cucumber Options ?
250. Do you know how many Scenarios you can have at most in one Feature file? (I said I never pushed the limit, always tried to keep related ones together clearly because I still don't know the answer:D)
251. Why do you think Cucumber is better than TestNG ? (I said better because BDD format is helpful for tech - non tech people, clear and reusable steps)

252. What are the TestNG Annotations that you used not all of them and where did you use for what ?
253. How you use reusability in Cucumber?
254. What is in your Runner Class?
255. Can you tell me the feature file about addition of 2 numbers test case?
256. How can you apply DDT in Cucumber?
257. (In a technical interview after completing a task) why did you use thread.sleep instead of explicitly wait.
258. Tell me a login test case for multiple data in a feature file written in Gherkin language? Tell me the possible negative test cases?
259. Interviewer shared screen and asked me how to locate the showed webelement?
260. What are the differences between testng and junit?
261. What is listener in TestNG?
262. How can we locate a webelement partially dynamic?
263. How to write something to a box with automation?
264. Tell me about your automation structure from the beginning till the end?
265. Explain your package structure. Goal of using Page object model
266. Goal of selenium grid
267. Which version of Junit you are using?
268. Which annotations you are using, tell me some examples, can you tell me about annotations in the features files?
269. If there are windows and web pop-ups, how do you handle which methods you are using?
270. You have a test case, you are trying to run with 3 different browsers, it passed with two browsers and failed with one of them. What can be the reason and what you need to check in the driver Utils?
271. What are the most difficult things you are facing when you are writing scripts? How are you overcoming?
272. How do you handle the certificate issue?
273. In the report you said that there is screenshot, can you explain how it is coming?
274. In the BDD framework how do you do DD testing and when you use apache Poi
275. You are on the login page, after writing email and password, login in the page can you tell me a test case with gherkin language?
276. Why are you using Page Factory?
277. How do you start the new framework

## SQL & JDBC

1. How did you do database testing and what was your purpose?
2. Have you done Database testing?
3. Which database do you work with?
4. How well can you write SQL queries?
5. What is the acronym for SQL?
6. What is a table?
7. Do you have experience with back-end testing, database validation?
8. Do you have experience in creating SQL queries?
9. What types of Joins do you know?
10. Do you know joins in sql? Let's say we have an employee\_id in two tables, how do you use joins to extract data from the two tables?
11. SQL: constraint, DML commands, joins,
12. What is the data type of the response from the database when you use JDBC.
13. How do you connect to database
14. What is my favorite database tool
15. SQL query example; finding specific employee and his sum of credit card expenditure for specific month. (Using groupBy and Having keyword)
16. What are wildcards in SQL, give an example? (Like..etc)
17. Inner join vs Outer Join?
18. SQL Command Language, what are DML commands? What does SQL,DML,DDL stand for?
19. Tell me JDBC connections syntax? Not exactly just say Connection, Statement and Resultset class.
20. Open notepad and write a complex SQL query. Complex, not simple one.
21. How would you find out the column names?
22. How would you list out the tables in d/b?
23. What are joins? List all join types:
24. How many years using SQL do you have?
25. When and where have you used SQL?

26. On a scale of 1-10 (10 being the highest) how would you rate yourself in SQL?
27. Whats primary key and foreign key
28. What type of databases did you work with?
29. What is UNION?
30. What is MINUS?
31. How do you get unique values with SQL?
32. Was database testing part of your UI framework or separate? Tell me more about that.
33. SQL challenge (from Apple Interview):

Write a SQL query to return Country Names that have states with more than one capital. (There may be countries with the same state names too)

Table A

country Code	Country Name
--------------	--------------

-----

USA	United States of America
UK	United Kingdom
IND	India

Table B

country Code	state	capital
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-----

USA	California	SF
USA	California	LA
USA	Florida	Miami
UK	London	LND
UK	Manchester	Mach
IND	Delhi	Del

34. Tell me about jdbc connection and how are you using
35. Last one was a SQL query: There are 3 columns first\_name, time get in the building, time get out of the building. Need to write a query to select all people who were in the building any minute between 2 and 3 pm. [We have a little](#)

problem with this. We use the free oracle 11G version and it is hard to do this query. Is it easy in newer versions, also easily done in mysql, postgres

36. How do you get unique elements in SQL(DISTINCT keyword)
37. \* How do you find index in SQL
38. \* List of Authors with count of Books they have in Books Table
39. How do you test DataBase? Manually and using JDBC library?
40. Tools for DB testing.
41. What are tables and what kind of manipulations I know. Inner, outer,etc.
42. **Given 2 tables in SQL and asked a question which can only be solved by using joins..**
43. What is your approach to test back end?
44. What is my favorite database tool
45. How to use group by in sql?
46. INSTRUCTIONS:

Navigate to the following URL:

[http://www.w3schools.com/sql/trysql.asp?filename=trysql\\_select\\_all](http://www.w3schools.com/sql/trysql.asp?filename=trysql_select_all)

It is an open Database provided by w3schools.

If you do not see the tables at the left side of the screen, you may need to click

[Restore DB]

to retrieve the list of tables.

#### LIST OF EXERCISES

1.

Select all employees who have any degree in "BA".

Select \* from Employees where Notes like '% BA %';

2.

Display how many orders were processed by each employee. Display

Employees Last Name, First Name and amount of orders;

Select E.LastName, E.FirstName, count(O.employeeId) as

AmountOfOrders from Employees as E left join orders as O on

O.employeeId = E.employeeId group by O.employeeId;

3.



Display how many orders were made by each Shipper. Display Shipper's name and "Amount of processed orders".

```
Select S.shipperName, count(*) as AmountOfProcessedOrders
from Orders as O
inner join Shippers as S on O.shipperId = S.shipperId group by
S.shipperId;
```

47. How do you know relational databases connected each other (from model module in oracle sql developer)
48. How do you retrieve the max salary in a department from two separate tables (including the employee)?
49. How to get the second max value in a table?
50. Truncate a table
51. If a query is running and is taking a lot of time, what is the solution?
52. What is cartesian join?
53. What is the reason you do UI-API and UI-Database Validations and how just generally explain (I said 3 point validations and they wondered why I need to do this) ?
54. In which part of your testing you touch the database and for what reason and which sql commands you use mostly?
55. Tell me verbally which query I need for retrieving all first names starting with 'B' in the employee table?
56. Write a query for all employees from the employee table with all information in alphabetical order with descending?
57. Tell me verbally which query I need to retrieve the number of users of each country?
58. How do you use JDBC, how to connect the database and which database you are using?

## **API**

1. How did you do API testing? What was your purpose ( in my last project)
2. Have you done API testing?

3. I see that you have worked with Karate, can you tell me the difference between Karate and Rest Assured?
4. How do you send HTTP requests using Karate?
5. What kind of requests do you send while testing the API?
6. Give us an example, step by step, how you would automate a test case on the UI and API side. What do you do?
7. If you need api authentication, how do you attach it to your request.
8. Give an example on an API test you recently wrote and how detailed you went with the test case?
9. How do you validate a JSON body?
10. How detailed are you when you test on Postman?
11. How would you validate only part of the body of a response?
12. Do you only do status code validations? What other parts of the API do you validate?(This was a repetitive question. I sort of repeated stuff from above for this one. I said we check Endpoints, Headers, JSON body etc.)
13. Can you talk about your api experience?
14. What kind of edge cases did you test for API validations? Give an example from your project.
15. What are the collections you use to read the json file and store?
16. How do you test business restrictions that are on the API?
17. How do you rate yourself from 1 to 10 for postman or rest assured?
18. What is the acronym of API?
19. Do you have experience with API testing? Describe where to use API, in what tests?
20. Do you have experience integrating third-party applications with your application through API?
21. Can you give us test steps for "Login" and "Create account" functionalities for positive scenarios? What would be your approach? How would you validate the results of your test?
22. How do you decide on what user story to work first?
23. API challenge example.
24. How do you pass a custom node of data with API.
25. Types of Authentication you know in API?
26. Tell us more about oauth authentication, how do you use it? [Talk about it more in class](#)
27. How do you pass a JSON file with API?
28. Tell me about jdbc connection and how are you using it
29. Specific question on how am I using API/DATABASE(end to end) testing. Didn't really understand the question.

30. They opened a swagger document and asked me how I would test the api based on the swagger document.
31. Types of authorizations in rest full?
32. Suppose you had a bearer token, you used it and got 403 what does it mean?
33. What is the first step you would do when you get 403?
34. What is 401?
35. What is the difference between 401 and 403?
36. Tell me about 200 codes
37. What is the difference between 200 codes and 400 codes?
38. How do you parametrize API?
39. Suppose you run your API suite, everyday it was taking 10 minutes, but this time it took 30 minutes. What would you do? What might be the reason?
40. Explain API contract testing?
41. API status codes; 200? 204? 404?
42. API message queue, do you have experience how it works?
43. Give an example of an API test in my framework?
44. In API we learn Json format, but they asked mostly about XML format for response. [Add to class or do some practice session, or do videos](#)
45. Can you do API testing?
46. How you do api testing. I explained in general including de-serialization and serialization
47. How to parse json response?
48. Do microservices have to be exposed via API only? [We never talk about how services are exposed, maybe we should but it can create confusion](#)
49. Tell me about your API testing framework? Did you work with both REST and SOAP?
50. Did you work with Postman ? YES YOU DID!
51. Soap UI? [Not in curriculum, we can do videos may be](#)
52. What is the difference between Put and Post requests?
53. Give me an example from your API automation where you got a response from one request and sent that response in the body of another request? Why and how would you do that? (referring to using either JSON or POJO)
54. Tell me about parameters in Rest Assured/Postman and give me an example from your current project. (referring to query and path parameters)
55. What are 400 and 500 response codes?
56. How would you verify if the server is down?
57. Specific question on how am I using API/DATABASE(end to end) testing. Didn't really understand the question.
58. What is POJO? Can you explain it? how do you use it?

59. Suppose you send a get request, and want to validate a value in the payload. Tell me your setup how you would do that?
60. API testing how, when, what project, what tools
61. What is more important API or UI?
62. What framework you used for API testing
63. JSON schema validation how you do it and why we need it
64. How to test api if it's not created yet. Did you do it ? What tools did you use
65. What do you test on API in your project, which tools you use
66. 400-500 status codes
67. Have you worked with RestFul services?
68. Have you ever worked on heard yaAPIta framework? [Don't understand the question](#)
69. What are the HTTP status codes do you know? And with which you have worked most on your daily basis?
70. What is the percentage of you working on Back End testing?
71. What type of Authentication are there in API? What is an OAuth(Authentication)? Have you heard of Bearer Tokens?
72. What kind of CRUD operators do you know for in the RestAssured Library?
73. How do you convert an object to JSON format and vice versa? (GSON library)
74. Can you tell me about POJO classes that you have mentioned?
75. Tell me about POSTMAN and how do you execute your tests using Postman?
76. What tools I used in API?
77. How do you validate a backend response from UI?
78. Tell me about API testing methods?
79. **you have a list includes zip codes and by using rest assured how can you assert if this list is the same with the response body which has a very long addresses as Json**
80. How much did you work on cloud based testing? How much do you know AWS? What was your involvement with AWS?
81. AWS question. How you use it, why you use it.
82. API testing how, when ,why, what tools
83. Status codes tell which you know and what they means
84. HTTP vs HTTPS?
85. In your work when you are doing API testing, who gives you the documents? (In here i didn't understand documents, he meant by requirements, so the correct answer is business team)
86. How to test Api give me a specific example?
87. Post and patch difference?
88. Create an automated test suite for the following APIs. When you are done, please send us a link to a git

repository with your project and code. It's up to you to determine what and how to test.

<https://www.anapiofficeandfire.com/api/books>

<https://www.anapiofficeandfire.com/api/characters>

<https://www.anapiofficeandfire.com/api/houses>

Remember to show us how you would do things in a real production environment, we want to see what you'd bring to our team. Make sure to demonstrate your unique talents and strengths - you can include things like reporting, CI/CD integration, or ticketing system integration to help you accomplish this

## TASK 2

Below is a diagram of a DojoMojo feature that uses Shopify and Twilio to send SMS messages to consumers who "abandon" their online shopping carts (i.e. do not make a purchase). Using whatever diagrams or tools you like, communicate to us how you would test this feature.

89. Http request(explain everything in detail)
90. CRUD operations in API
91. Authorization in postman
92. How to use JWT in postman
93. How do you do testing in Rest-Assured library
94. API Testing in general?
95. What is the difference between Header and Body?
96. How do you use Collection in API testing?
97. Talk about the RestAssured Library in your automation
98. What tool do you use for manual API testing?
99. Any experience in using AWS?
100. How to validate data from AWS to external tables?
101. When you get an endpoint from Developer, What is the process you would take to validate the end-point?
102. What do you use for Manual and Automation testing for API?
103. What are the different Methods do you use in the API?
104. Tell me about Post Requests?
105. Imagine if you have an API test case that is data driven(id) and after you pushed the test case to github -> jenkins - it shows 503 status code. Why? Where do you see the status code?

106. Imagine if you want to do performance testing on AWS server, but you don't want to expand the server(to save the money). What can you do to prevent more than 10 threads?
107. Which protocol do you use in api testing? (http)
108. What are the CRUD operations(I am not sure about the spelling), they wanted to hear api http requests we use?.
109. What is the difference between Put and Patch, Post and Put ?
110. You send body with Put and also with Post but what is the difference when you send the bodies?(He wanted to hear post auto generates id and in put we use that id)
111. How do you use Authentication-Authorization (Get request with username and password for getting access token to use with Bearer Token Authorization in next requests) ?
112. Tell me about status code meanings?
113. If you want a Json format from API which request header you use and what is the value for the header?
114. Tell us about the parameters in API.
115. How do you verify data with API?
116. How do you do negative API testing?
117. Where do you store log files?
118. Which reports do you use?
119. If you need to convert JSON to java or java to JSON how do you handle it?
120. what is payload in restful

## **Jenkins**

1. How did you use Jenkins? How did you connect it to your framework? How did you schedule tests and set up the emails?
2. What is CI? How did you achieve it?

3. Are you familiar with Jenkins? Can you build a CI/CD pipeline?
4. If you have Jenkins in your resume, make sure you can explain how to create a project task there.
5. Explain Jenkins pipeline, how it works?
6. Do you have experience on cross browser testing, explain?
7. In the Selenium grid can you run your test in a different version of the same browser? (for example chrome 83 and chrome 81)
8. Can you do Jenkins setup?
9. Explain your role in jenkins
10. What CI/CD tool did you work with and how much were you involved? Did you do Jenkins setup and configuration yourself?
11. Can you walk me through how you set up your Jenkins task?
12. CI/CD did you contribute to it and describe pipeline you have
13. How do you clean up your database after regression ? Is it implemented in ci/cd.
14. Your participation in CICD
15. How do you use aws in your company?
16. Azure DevOps
17. How day you build and trigger your test scripts on CI/CD?
18. What do I know about Jenkins?
19. Have you worked with CI/CD pipeline tools like Jenkins?
20. How do you config your Jenkins?
21. How do you Schedule in Jenkins?
22. Where is your code running while Jenkins pulls the code from Git?
23. What is your branching strategy in Github
24. How to delete a branch using git command
25. How to check if master branch has your commit in git?
26. How many job do you have in Jenkins?
27. How do you merge in the GitHub?
28. How do you jump one branch to another branch?
29. Can you briefly explain your daily gitflow?
30. Do you use a log?
31. Do you use Jenkins and how you are doing smoke and regression testing? Can you schedule a smoke test?

## **SDLC AGILE MANUAL TESTING**

1. How would you test the checkout page of a shopping website? (Asked and to come up with test cases)
2. Did you do manual testing and how? (Jira x-ray)
3. How did you use agile methodologies in your project?
4. What would you do if the developers late release but you still need to finish your testing and demo without delay?
5. What is your git strategy(branches etc)?
6. Can you stop a build (if there is a bug)?

(The manager wants his SDETs to have the authority/guts to stop a build.)

7. Have you worked as a lead before?
8. How do you get involved with your team members?
9. Have you worked in an environment where your team members are from different vendors?
10. What would you do if you find a bug?
11. What is blackbox testing?
12. What is a test case?
13. What would you do if developers were late and you had 1 week to complete stories worth 2 weeks?
14. What can you talk about QA compared to developers?
15. About team structure
16. Do you have experience with performance testing?
17. About project
18. Where do you document your test cases and what are the different types of documents that you prefer?
19. What tools do you use and know and how do you use them in your daily
20. routine at work.
21. What reports do you use in Jira
22. You manage and for the test metrics. How do you send the test metrics?
23. You have an automation script. How do you manage your test cases? Do you update the corresponding test cases in Jira, or how do you update them?
24. Do you track the root of the issue in Jira? If yes how?
25. What do you do when you find a bug? How do you log it?
26. How do i know if my test case is good.(something about measurement)
27. How does github works in my company
28. How do you solve Git conflicts?
29. Difference between SDET and QA, responsibilities?
30. What is the most complex test case you wrote?
31. How do you solve GIT conflict?
32. Git stash, explain?



33. How to test the module of transferring money; over \$10K there is additional confirmation, below \$10K no confirmation. (check the boundary)
34. Tell us about your code reviews, what do you check and what comments do you usually get? What do you pay attention to when creating your PR.
35. Which tools do you know?
36. What is your main responsibility?
37. Agile role?
38. Which machine type are your company using?
39. How do you calculate points?
40. How do you decide a point?
41. Which tools are you comfortable with?
42. Have you ever performed security testing?
43. Suppose in a grooming meeting your developer gave a point but you think you cannot finish it in that time. What do you do?
44. Can you tell me the testing approach differences between waterfall and agile? how testing approach differ?
45. How do you perform manual testing?
46. What is verification / validation? Verification techniques?
47. What test cases would you not automate?
48. What is integration testing?
49. What is Epic?
50. How do you run Regression?
51. Why/when/where do you run Regression?
52. Whats test strategy and test plan. What's difference
53. Agile ceremonies
54. Tell me about testing pyramids and their differences.
55. What type of testing did you see being suggested where you disagreed due to redundancy?
56. We are a small company with constantly changing requirements and a fast-paced environment. How will you adapt to this type of setting? Do you prefer a more laid-back work environment?
57. How and where do you report bugs? Can you tell me steps?
58. Describe to me your typical day at work.
59. Did you work in an Agile team? What are the things you liked about Agile?
60. Agile or Waterfall? Which one do you prefer?
61. Tell me about your team. Was this a QA only team?
62. Were you the only Automation person in the team?
63. What percent of your test cases were automated?

64. What do you do when you have too many stories left and the sprint is ending in two days?
65. Tell me about your overall Testing Life Cycle?
66. What was your definition of ready and definition of done in your team?
67. Difference between bug severity and bug
68. Did you do parallel testing? How did you do it?
69. Did you do cross browser testing and how?
70. Have you done performance testing?
71. Were you involved in writing Test Plans?
72. What are the characteristics of a good QA?
73. Have you done any performance testing?
74. Have you done any mobile testing?
75. How will you Test Vending machine
76. What steps you have in your automated script
77. Describe all levels of testing, which one are critical and on which stage they are happening
78. When Qa starts testing
79. What is your automation coverage
80. Scrum meetings
81. Testing process from scratch
82. Nonfunctional testing
83. Testing Types
84. What is regression fix and regression risk
85. Team size, scrum meetings, daily activities, tell me about your project, tell me about yourself
86. How is your communication with PO, in what circumstances you communicate with him?
87. You found a bug closer to production, what would be your steps?
88. As a tester, when do you decide to automate your test case?

89. Explain SDLC and STLC?
90. What is the difference between retesting and regression testing?
91. What is branch coverage in testing?
92. Let's say I want you to create a method that will automatically create an issue in Jira after your test fails. Can you do it? What are the pros and cons of having such a method?
93. Relations with devops team and developers
94. What is the test plan?
95. What does a QA do?
96. You are manual or automation tester how percentage?
97. Who writes test cases?
98. Can you tell me what you are doing in the sprint planning meeting?
99. Ask me some questions about the regression test?
100. How many env you have and which env you test?
101. Did you hear any issues in the product environment?
102. When you find a bug, how to provide that?
103. Some tools which I don't know ask me?
104. What does testing mean for you?
105. What do you know about deployment?
106. What does Scrum Master do in your project?
107. code review meeting and test case cover meeting
108. Who does use your application?
109. Talk about your team.
110. Which scrum ceremonies have you attended?
111. Imagine that you are the test lead and you have a security issue on the Login functionality. What would you do?
112. What do you do while developers are working on the scenarios?
113. What is your test strategy (overall)?
114. Tell us about the process when you find a defect/bug?
115. Use of Jira?
116. How long is your sprint?
117. How to know which test cases can be automated?
118. Any test case tool used?
119. How do you produce the automation test result?
120. What kind of details do you want to include in the bug report?
121. how much manual, how much automation do you perform

122. What are the challenges you are facing in your framework
123. How can we write an effective bug report?
124. Tell me about your current project and what type of application you tested and how many?
125. What is the latest bug you found?
126. Tell us about your testing process?
127. Which tools do you like the most that you use in your project and why?
128. Why testing and what makes you happy about testing?
129. What was your achievement in your project?
130. What was the most challenging bug you found and what process did you follow after finding?
131. When you are given a story or requirement; what are the steps you follow?
132. They asked me to tell them how I would test a piece of paper without any requirements.
133. Which part is most important for you in a good bug report ? (They wanted to hear specifying very clearly the expected result and the actual result difference)
134. Which scrum meeting is the most important for you?
135. I know every company implements differently, but what is the best PO's responsibility in a sprint planning meeting? (The interviewer wanted to hear bookish answer)
136. What are the components of bug reports components?
137. What are the differences between SDLC and STLC?
138. Where do you write your manual and automation test cases?
139. Tell me your approach to test a pen.
140. What are the advantages of using POM in your framework?
141. How much time does the regression test take?
142. Imagine you have 10000 manual test cases and you have 2 days until the release. Even if all the teams do the manual tests, it can be done in 7 days. What would you do?
143. Imagine you completed 90% of those manual test cases and the managers want to release the application. Do you give permission?
144. Imagine you have an application which shows grocery stores within 3 miles of your location. How do you test this application from opening the app until purchasing a product from a grocery store?
145. How would you do performance testing in your current company even if you do not have experience? Tell us with your API experience.
146. Which one do you like most, manual testing or automation testing?
147. What is your testing approach when you do not have any document?
148. Can you teach automation to manual testers?
149. Can you work as a pure manual tester?

150. Knowledge about other testing tools
151. How many test cases for your regression/smoke suits/ api testing suite?
152. Priority/severity
153. What should be in test case/bug report
154. They give me five bugs and want me to prioritize those. Also they asked me to think that every bug requires 2 hours and after 4 hours you will release the product, which two of them do you choose to fix first.
155. Do you believe all the tests can be automated or not?
156. Performance testing, stress/load testing
157. Can you tell me a test case which you have written before?
158. If the company asks you to do 100 percent manual what you feel, Are you agree?
159. What information do you provide when you are creating a bug ticket?
160. What are you doing as a tester to be updated?
161. If there is more than 1 bug, which one has more priority
162. Why do we need code review ?
163. could you write codes to test google search buttons ?
164. Can you give example of functional and non- functional test

## **BEHAVIORAL QUESTIONS**

1. Why don't you tell me a little about yourself?
2. Can you tell me a situation in which you had an argument with your colleagues?
3. have you been in a situation where there was a conflict of interests between people from different vendors? How do you handle it?
4. How do you manage your work to be attached to a deadline?
5. Tell me about yourself.
6. What would you do if you need help regarding the application?
7. Tell me more about your project, what it is about. If you say I am working on a module or feature like Calendar make sure you know end to end testing for this feature, where do you start and finish. including api if it has. Why that feature is necessary in the application. And how long did this feature take to develop. The indian guy goes deeper and deeper.and he asks for the url of the application, make sure you know it.

8. Tell me about yourself.
9. Tell me about your current framework.
10. Tell me your framework?
11. What will be so exciting when you join the work with us?
12. How do you set priority on your tasks?
13. What is your strength?
14. What is your motivation?
15. What if you get a task and you haven't done such a task before, and you don't know how to do it?
16. What was your contribution to your current team?
17. About myself
18. We all have good days and bad days. What does a good day look like for you and what does a bad look like for you?
19. Tell me a little about your motivation. With everything going on in the world. What keeps you motivated right now?
20. Can you think of a time you had a positive influence on someone? What was the situation and how did they react?
21. Of your other jobs? What made them satisfying? What do you like in a job?
22. Example of technical challenge
23. About myself
24. Why are you looking for a new job?
25. What is your current position?( I said contractor)
26. How much money do you want to make?
27. Are you authorized to work in states?
28. Where do you live ?
29. Tell me about yourself
30. Tell me what you do? What are your responsibilities?
31. Can you also explain your previous project> what was it about? What did you do? What framework and tools did you use?
32. Let's say you have test cases,you said your main language is java. How do you approach writing your codes in java for testing? --.
33. What if we don't use java and we asked you to learn a new language?
34. Give me real examples from your life how you improve professionally? What do you do to improve yourself? Are there any tools that you learned by yourself?
35. Tell me about your project and then about the framework?
36. How many years using Java programming in testing do you have?
37. When and where have you used Java Programming?
38. On a scale of 1-10 (10 being the highest) how would you rate yourself in Java Programming?

39. Explain your framework (mine was cucumber BDD)
40. What career are you looking for?
41. What are you learning? (I said i am learning mobile automation)
42. **tell me the time that you made a mistake and how did you resolve it**
43. **tell me the proudest moment in your career**
44. **how do you learn**
45. **if money is out of consideration what would be your dream job**
46. **how do you choose when to do manual test and automation**
47. **tell me about your approach to teach someone**
48. **is there anytime you and your team end up switching what they were doing from one project to other**
49. Tell me about your framework?
50. What is your responsibility?
51. Can you tell what your day looks like?
52. Are you automating in sprint or after the sprint ? (I said we develop and automate in sprint)
53. Did you have a chance to look at our website? Do you have some background information about what we do or do you want to briefly go over our company?
54. Tell us briefly about your background.
55. Why did you decide to change a career? (I come from education background and it was included in my resume)
56. Why did you choose to become QA? You seem like you have a strong Java knowledge, why not become a developer? Why did you choose to get OCA certification?
57. What makes you a good candidate for this role?
58. Tell me about a situation where you had a conflict with your colleague and what did you do to address it?
59. Tell me about a scenario where automation has really amazed or surprised you.
60. What would you say your biggest challenge was in your current job?
61. Can you tell us about your current project? What domains do you have experience with?
62. Tell me about your testing framework.
63. Different people mean different things when they say framework. What do you understand from the framework? What is considered a framework for you?
64. What would you say your strengths and weaknesses are?

65. What would your colleagues say if we asked the same question to them about you? (referring to my strengths and weaknesses)
66. Do you have any managerial or leadership experience?
67. Have you coached or mentored your colleagues at work?
68. Where do you see yourself in 5 years?
69. What would you say your biggest accomplishment was so far?
70. Why are you looking for a job now?
71. How do you handle a conflict with a developer when you don't agree on the bug?
72. We work with Kanban style here. Do you know Kanban? Would you be comfortable with that?
73. Describe your framework. Why it works best for your project.
74. How you handle if someone ask you to help but you do not have time
75. Recent challenge technical and non technical
76. Biggest technical fail how you solved it
77. If we hire you how soon will you be able to work on 100% efficiency
78. Tell me about your role in current project
79. Tell me about yourself
80. What have you been working on for last 18 month
81. What technologies you use in you front end development in you current project (I said we had react.js)
82. What patterns do you use to structure your code
83. What you currently working on these days
84. Are you comfortable to work with JS and Python
85. Are you satisfied with your regression performance
86. He gave me calculator app and asked to create test plan and test strategy for it
87. What challenges I faced working with DEV team as QA
88. How to minimize dependency between dev and qa team
89. What team building activities you have
90. This one was very easy, he basically told me "if you are here with me means everybody likes you and you will get an offer soon so I just want to know you better".
91. How and why you came in IT
92. How you see yourself in 5,10 years.
93. Do you like managing people or you more technical guy
94. Where do you see yourself in 5 years?
95. What was your biggest challenge while automating your scripts and how did you solve?
96. Are you willing to relocate once pandemic will end?
97. Tell me about yourself
98. Explain me a situation where you had a disagreement with your boss and tell me how you handled it?
99. Tell me about yourself.
100. Your responsibility.



101. How I will respond if coworkers interrupt me during work.
102. Why I chose WF, why this location.
103. How I handle miss understandings.
104. What I'll do if job is not done in time.
105. My responsibility?
106. Did I have experience with training ppl? Would I be interested in that?
107. Tell me about yourself.
108. Tell me your framework?
109. Your daily activity?
110. If you do not agree with the team what do you do?
111. If regression fails, what do you do?
112. If a test fails before release what do you do?
113. What tests do you do?
114. Tell me about one of the greatest achievement you have had
115. Did you do anything that was recognized by the team or the manager?
116. What is your challenge in this job?
117. Do you have any situation where dev said this is not my problem it is your problem?
118. Why did you switch IT?
119. Why are you a tester?
120. Some challenges?
121. Achievement in your current company?
122. Do you know our company why this company
123. When you have an issue or blocker What do you do?
124. What would you change in your company if you have a chance?
125. who is the influencer in your life?
126. What kind of company do you want to work at?
127. How do you prioritize your work?
128. Did you have conflict with manager before? If you answer No, they will ask if you had how would you handle it?
129. Why did you choose a tester career?
130. Have you worked with an offshore team before?
131. Tell me about your responsibilities
132. Last challenges you have?
133. Why should we hire you
134. Brief your past experience
135. How would handle this type of situation:

a time when a task was challenging how did you manage it

When something went not as planned how did you handle it

136. How many years of experience do you have
137. What are your two top strengths?
138. What makes the good teacher? ( I said I learnt from my team a lot, a lot:D )
139. What is your motivation?
140. Are you keen to learn new tools? ( Definetely, no way to say no:D )

141. What do you know about our company and project ?
142. What is your future plan in this field ?
143. Why you change your career?
144. Why you looking new job?
145. What is your biggest success in your current project?
146. How is your relationship with PO and Developers?
147. From what type of projects are you affected more?
148. What are your best 3 strengths?
149. If we hire you, what will you bring to our company?
150. Tell us about your company and your project.
151. What is the most important thing for you while working in a company? What makes you happy?
152. What is your carrier plan?
153. What makes you decide to work in our company?
154. In what kind of team do you want to work?
155. With what kind of people do you want to work?
156. How do you understand if the written code is good enough?
157. What is your daily activity?
158. General QA mindset.
159. Do you like writing articles about something? Do you want to do those kinds of activities?
160. What are your negative sides? Which people you don't want to work with?
161. Which working environment do you want to work in?
162. what is your long term goal
163. Your positive and negative skills. They want to hear something about your weakness and strengths.
164. What is your feeling about working with developers?
165. Can you explain your personality?
166. Why are you changing your company?
167. As a tester how do you explain yourself with one word?

### **OTHERS**

1. Which commands have you used?
2. How would you connect to a UNIX box?
3. What is the command to connect to Linux Server?
4. What do these vi editor commands do?
  - a. line delete
  - b. word delete
  - c. move starting page
5. How many years using UNIX do you have?
6. When and where have you used UNIX?
7. How would you test a Java application on a LINUX platform?

8. Performance testing tools
9. What is the structure or workflow of using VCS? (do you work on separate branches? Who accepts PR?)
10. What do you use for mobile testing? Explain
11. Do you use cloud or local machines for parallel testing?
12. Do you know javascript?
13. How do you test IOS product ?