

1. what are the different locators you have used in Webdriver?

-- Id, Name, Link, Text, DOM, XPath, CSS.

-- https://newcircle.com/bookshelf/selenium_tutorial/locators

2. Can you give example of absolute and relative xpaths.

-- Absolute Xpath: It uses Complete path from the Root Element to the desire element.

/html/body/div[5]/div[2]/div/div[2]/div[2]/h2[1]

--Relative Xpath: You can simply start by referencing the element you want and go from there

//*[@id='answers']/h2[1]/a[1]

3. What is difference b/w close and quit in webdriver?

Close: - This method is used to close the current open window. It closes the current open window on which driver has focus on.

Quit: - This method is used to destroy the instance of WebDriver. It closes all Browser Windows associated with that driver and safely ends the session. Quit() calls Dispose method to achieve this.

Dispose: - This method closes all Browser windows and safely ends the session

<http://www.ufthelp.com/2014/11/close-vs-quit-in-selenium.html>

4) Webdriver is a class or interface?

--WebDriver is an Interface, and we are defining a reference variable(driver) whose type is an interface. Now any object we assign to it must be an instance of a class(**FirefoxDriver**) that implements the interface

--<https://www.google.com/search?q=webdriver+is+a+class+or+interface&oq=webdriver+is+a+class+or+interface&aqs=chrome..69i57.582j0j7&sourceid=chrome&ie=UTF-8>

5) Can you give class name which implemented webdriver interface.

--**WebDriver driver = new FirefoxDriver**

6) Scenario: if there is an element which contains id attribute, that id is splitted by two parts by '_'

(underscore), first part is constant and second part is changing. how do you find that element using id.

--Use Contains, Start With, End With.

7) Suppose if element is hidden, how do you get text of that element?

String script = "return document.getElementById('hidden_div').innerHTML";

8) Difference b/w implicit and explicit waits.

Explicit waits are intelligent **waits** that are confined to a particular web element. Using **explicit waits** you are basically telling **WebDriver** at the max it is to **wait** for X units of time before it gives up.

Differences: 1) **Implicit wait** is set for the entire duration of the **WebDriver** object

9) How you deal drop downs.

Select dropdown = new Select(driver.findElement(By.id("identifier")));

dropdown.selectByVisibleText("Default ESS");

10)scenario: der is a link on webpage, click on dat link a window will open and now dat opened window contains 3 different frames and you have to do operation on different elements in 3 frames and come back to window. how will you do dis.

11) What is timeout in grid?

12)what is browsertimeout in grid?

13)what do you mean by max instance and max session?

Max instance No of browsers (*Any Browser and any version*) can run in parallel at a time in the remote system

Max secession - No of browser of specific browser can run in parallel

14) Different annotations provided by TestNG.

BeforeSuite

BeforeTest

BeforeClass

BeforeMethod

Test1

AfterMethod

BeforeMethod

Test2

AfterMethod

BeforeMethod

Test3

AfterMethod

AfterClass

AfterTest

15)suppose i want check particular exception in TestNG, how will you do?

```
@Test(expectedExceptions = ArithmeticException.class)
```

```
public void testPrintMessage() {
```

```
    System.out.println("Inside testPrintMessage()");
```

```
    messageUtil.printMessage();
```

https://www.tutorialspoint.com/testng/testng_exception_test.htm

16) what is soft and hard assertion?

<http://www.tothenew.com/blog/soft-assertions-in-selenium-using-testng/>

17) what are different access modifiers and explain each?

Access Modifier	within class	within package	outside package by subclass only	outside package
Private	Y	N	N	N
Default	Y	Y	N	N
Protected	Y	Y	Y	N
Public	Y	Y	Y	Y

18)can you define multiple public classes in single java [file.is](#) it possible?

Yes, it **can**. However, there **can** only be **one** public top-level **class** per **.java file**, and public top-level **classes** must **have** the **same** name as the source **file**

19)class name and java file name should be same?

20)what you mean by final,finally,finalize?

N final
o.

finally

finalize

1)	Final is used to apply restrictions on class, method and variable. Final class can't be inherited, final method can't be overridden and final variable value can't be changed.	Finally is used to place important code, it will be executed whether exception is handled or not.	Finalize is used to perform clean up processing just before object is garbage collected.
2)	Final is a keyword.	Finally is a block.	Finalize is a method.

21)what do you mean by for each loop?

`for(int i:arr)`

22)can we remove any element by using for each loop?

You can't, within the enhanced for loop. You have to use the "long-hand" approach:

```
for (Iterator<Pixel> iterator = pixels.iterator(); iterator.hasNext(); ) { Pixel px = iterator.next(); if(px.y > gHeigh){ iterator.remove(); } }
```

23)diff b/w arraylist and vector?

24)how do you write custom class which is immutable?

25)create one custom class using interface inside in it, dat custom class should responsible for doing for each operation. which type of interface will you use to create such a custom class.

[2/9, 12:17] Rajesh Surve eTouch: Infostrech 1 round interview questions.

1 What is verbose.

2 What is thread count.

3 How do you handle exception.

4 Common method in two interface implement one class which interface method will class implement.

5 Flow of try , catch,finally.

6 What is finally .

7 How many value will a method returns.

8 what is abstract.

9 Difference between implicit wait and explicit wait.

10 Which design patterns have you used to develop framework.

11 What is maven.

12 Have you used list what is it.

13 Difference between list and set in collection.

14 Try block have exit method and catch block has Exception and finally block will return int .what is the flow of execution.

15 Have you ever came across conflict in code how you resolved it.

[2/9, 12:17] Rajesh Surve eTouch: 15 What is access modifier can construct have .

16 can a constructor be private.

17 what are types of assert.

18 difference between assert and verify.

19 Assert is a abstract method or a static method.

[2/9, 12:17] Rajesh Surve eTouch: Synechron Interview questions

1 Roles and responsibilities

2 Explanation framework

3 what is static variables

4 what is instance block,class level method,method level

5 difference between class n interface.

6 can at try be with multiple catch or viseversa

7 can finally be many or one for every or multiple try catch block.

8 what is string .

9 mutable n immutable

10 what is type of synchronisation.

11 what is type of exception.

- 12 what is way of comparison of string.
- 13 there are many links on web page how will you get your of link.
- 14 What is href.
- 15 on a page there is a link on click of link you will get other link on other page on click on other link one more link will get open so on that page you want to enter string how will u do that.
- 16 SQL ... select max salary from a table.

Will get back once I remember rest

[2/9, 12:17] Rajesh Surve eTouch: Capgemini interview questions.

1. Roles & Responseibilities.
2. framework explanation.
3. What is interface
4. What is inheritance
5. How u achieve multiple inheritance in Java.
6. Write program to reverse a number.
7. How you select an option in drop down.
8. What is iframe.write code to click on a button which is in a nested iframe.
9. How to handle file downloading & uploading
10. Difference between implicit wait and explicit Wait.
- 11.total number of rows in a Webtable.
12. How to select a check box present in a webtable.
13. What r webdriver exceptions
14. How to read data from an excelfile
15. How many testing environments u have in ur organization.
16. Write an XPath to get all the links.
17. How to read the text on a tooltip.
18. Check whether an element is displayed or not.
19. There are 3 classes A B C. How to access the methods of B and C in Class A.

[2/9, 12:17] Rajesh Surve eTouch: Selenium/Java questions at L&T 1st Oct 2016

1. What is the difference between list and set?
2. How will you switch to other window?
3. What is the return type of driver.findElement/driver.getWindowhandles()?
4. What is the difference between Private and Protected?
5. How will you achieve dynamic polymorphism?
6. What is inheritance and encapsulation?
7. Can you override static methods?
8. Can main method be overloaded?
9. What is Singleton?
10. What is collections in Java?
11. What is nested class?
12. How will you call a protected method in a nested class?
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14. What is the difference between build and perform method in Actions Class?
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17. How will you display the character count in a string "Steve Jobs" by ignoring space on between?

18. What is a constructor and when will you use this and super in a constructor?
19. If you want to call a constructor from parent class, what will you do?
20. How will you run your tests using Data Driven Framework?
21. What are static variables and methods?
22. How will you handle Alerts in selenium?
23. How will you handle a file upload window using Selenium?
24. Can I define one class into another class?
25. What are different types of modifiers present in Java?
26. How will you make a build using Jenkins?
27. How will you install ReportNG in your project?
28. How will you control data using XML?
29. How will you display a value of a particular cell in a web table?
30. How will you handle dynamic elements using XPath?
31. What is POM?

[2/9, 12:17] Rajesh Surve eTouch: Interview Questions asked in ValueLabs,CTS,CSC,UHG..veryyyy useful!!!!!!!!!!!!!!!!!!!!

Java:

- What is class and object?
- How to call a function of a class without creating a object?
- what is Encapsulation,Abstraction?
- What is Abstarct class and Interface?Difference b/w them?
- what is polymorphism?
- Diff b/w list and set?
- what is HashMap?
- Diff b/w Array and ArrayList?
- How to synchronize collection classes?
- How to reverse a string?write code
- How to Verify palandrom or not?
- what is inheritance?
- what is overloading and overriding?
- Diff b/w normal method and static method?
- Diff b/w String and StringBuffer?
- why main() is declared as static?
- Diff b/w while and do-while?
- what is the use of sleep()?
- what is Exception?How to handle Exceptions?
- How to find duplicate characters from a given string?

IMP concepts in JAVA for interview-->1)String class and its functions2)Collections

Selenium WebDriver

- How to read data from Excel?asked to write sample code
- Diff b/w selenium rc and webdriver?

which selenium webdriver version you have used in your project?

what is JavascriptExecutor?

How to find Invisible elements in a web page?write sample code

How to verify whether a element is present or not in a web page?write code

How will you generate reports in your project?

How to generate logs?

what is POM?

How to handle dynamically changing ids/elements?

Diff b/w Assert and Verify?

What is xpath and its types?

what are the methods you have seen in xpath?

How to generate dynamic xpath?

What are the types of waits in selenium webdriver?

How to handle multiple windows/frames(switching b/w windows,frames)?

what is Automation?why Automation?when to start Automation?how to identify which scenarios to be automated?

How to select value in DropDown list?what are the different ways to select?

what is Select class?when to use?

what is Alert interface?when to use?

what are click(),sendKeys(),findElements() methods?

How to read Properties file in selenium?

How to upload files in selenium?

How to handle popup windows?

How to handle Mouse hover?

How to handle duplicate elements?

What is Actions class and its methods?

How to perform Drag and Drop operation?

How to capture screenshots in webdriver?write code

Tell some Exceptions you have faced in selenium?How you handle them?

What is Framework and its advantages?

what is Hybrid framework,Data Driven framework,KeyBoard Driven framework?

what is Selenium Grid?

What is TestNG?and its annotations?

what is @dataProvider annotation?what is the return type of this annotation?

Explain your project framework architecture?

what are the difficulties/challenges you have faced while Automation?

Have integrated selenium with other tools like maven,jenkins,etc..?

Have you conducted cross browser testing using testNG?

How to conduct cross browser testing Parallely in testNg?

What is parameterization in testNg?

Have you involved in your project framework development?

How to handle internationalisation using selenium webdriver?

what is SDLC and STLC?

what are the defects you have found while automating your application?

what is Defect life cycle?

Your Roles in project?

write a code to open application in firefox browser?

write a code to read data from excel?

what is maven?

Which framework you have used in your project?

IMP concepts in selenium webdriver for interview-->1)xpaths 2)your project framework 3)testNG
[2/9, 12:17] Rajesh Surve eTouch: Infosys Asked 3 Years Selenium Testing Position

From Java

- 1.What is the Difference between final,finally,finalize
- 2.what is the difference between Call by value and call by reference
- 3.How to find out the length of the string without using length function
- 4.How to find out the part of the string from a string
- 5.difference between throw & throws
- 6.What is binding(Early and Late binding)

He give Programmes

- 1.Reverse a number
- 2.1,2,3,4,5,65,76,5,,4,33,4,34,232,3,2323,

find the biggest number among these
simple string programs.

what is exception types of exception

From manual

what is the testcase technique

why we write test case.

bug life cycle

what are the different status of bug

what is the different between functional and smoke

what is STLC.

he gives a application & tell to write the scenario
some manual testing concepts

From Selenium

- 1.Explain ur roles and responsibilities
 - 2.Explain Automation Life Cycle
 - 3.Which Framework U have Used?
 - 4.Explain Ur Framework
 - 5.What are the things u stored in PageFactory ? Why ?
 - 6.Explain TestNG
 - 7.What are the annotations U have Used ?
 - 8.What is Constructor ?
 - 9.Where u have used constructor in Selenium?
 - 10.Which model u have followed in ur company?
 - 11.How do you handle dynamics objects in a webpage?
 - 12.How do you handle untrusted SSL certificate in Webdriver?
 - 13.What is the difference between beforemethod and beforetest?
 - 14.How to verify a particular image and its size in a webpage?(Webpage has got many images out of which you have select particular one)
 - 15.What is the use of DesiredCapabilities in Selenium WebDriver?
 - 16.How do you know the Remote m/c details. Like OS, browsers details.
 - 17.How do you find out active elements?
- [2/9, 12:17] Rajesh Surve eTouch: What is class and object?
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Have integrated selenium with other tools like maven,jenkins,etc..?
Have you conducted cross browser testing using testNG?
How to conduct cross browser testing Parallely in testNg?
What is parameterization in testNg?
Have you involved in your project framework development?
How to handle internationalisation using selenium webdriver?
what is SDLC and STLC?
what are the defects you have found while automating your application?
what is Defect life cycle?
Your Roles in project?

IMP concepts in selenium webdriver for interview-->1)xpaths 2)your project framework 3)testNG
[2/9, 12:17] Rajesh Surve eTouch: Selenium/Java Questions CitiusTech

1. What is the difference between Grid and Webdriver API?
2. How would you save a cookie value in Webdriver?
3. How would you locate a button which is present on UI with only Span class? It doesn't have an Id,class or anything.
4. Write a code for explicit wait.
5. How will you invoke Firefox browser?
6. What will be the logic behind fetching a data from data provider and inserting it on UI?
7. How will you specify a data provider under Test annotation?
8. Write a program for reverse string.
9. How does method overriding differs from abstraction and inheritance?
10. Can we override main method? Explain the reason.
11. Explain OOPS concepts?
12. Why do we go for POM? What does it refer to?
13. What is the difference between String and String buffer?
14. What is the difference between String buffer and String builder?
15. What is mutable and immutable?
16. How will you configure Ant,Jenkins?
17. Why do we go for Apache API? Basic purpose behind it.
18. Script writing for a login page which is being used at your organisation.
19. Why do we use generics for getting a list of multiple elements?
20. In what way method overriding in polymorphism and inheritance differs with each other?
21. What is the flow of fetching data from excel using Apache POI?
22. Why do we provide '\\' in java while fetching a path of excel.
23. What are the types of exception which will appear finding elements?
24. What is an object array and why do we use it for data-provider.
25. What is the syntax of defining a data-provider class under @Test?
26. Difference between method overriding and overloading.
27. What is Static and Dynamic Polymorphism?
28. What is Static and Non static in Java?
29. Explain OOPS concepts.

[2/9, 12:17] Rajesh Surve eTouch: 1)How to call a method of a class without creating a object?

Ans : Static Method

Syntax :

ClassName.StaticMethod

2)How to synchronize collection class?

Ans:

Using Vector Interface

3)Diff b/w normal method and static method?

Ans :

In case of non-static method memory is allocated multiple time whenever method is calling. But memory for static method is allocated only once at the time of class loading.

Static methods can access by using of class name but non-static methods can access by using of object reference.

4)string class and it's methods?

Ans :

String is a class & Strings are immutable.

Methods are charAt(), contains(), trim().....

5)can we define one class into Another class ?

Ans :

Yes we can have class inside another class that is nested class.

6)how will we Achieve dynamic polymorphism?

Ans :

Method Overriding.

7)if we want to call a constructor from parent class what will we do?

Ans :

Using super() we can access.

[2/9, 12:17] Rajesh Surve eTouch: They have asked 3 questions from selenium

1.how will you open the URL using IE browser in selenium

2.what is up casting and down load casting in java how will u use in selenium? Tell me the scenario

3.how wil u upload the file in selenium

[2/9, 12:17] Rajesh Surve eTouch: : Synchrone Pune

1.How much u rate u r self in Java out of 5 and in selenium out of 5

2. Write a program or algorithm to swipe 2 numbers without using 3 rd variable.

3. Write code to reverse interger 1234.

4. Write code to calculate the length of string "how are you"

5. What different type of locators are present in selenium.
6. How to run testcases via Jenkins
7. what is reflection in Java.
8. What is collection.
9. What is abstract class and abstract methods.
10. What is static variable and static methods.
11. What you have done to improve the performance of selenium framework.

Selenium interview questions

LNT interview questions

Below details will help you to clear your selenium interview

1. What is the difference between list and set?
2. How will you switch to other window?
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5. How will you achieve dynamic polymorphism?
6. What is inheritance and encapsulation?
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18. What is a constructor and when will you use this and super in a constructor?
19. If you want to call a constructor from parent class, what will you do?
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21. What are static variables and methods?
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23. How will you handle a file upload window using Selenium?
24. Can I define one class into another class?
25. What are different types of modifiers present in Java?
26. How will you make a build using Jenkins?
27. How will you install ReportNG in your project?
28. How will you control data using XML?
29. How will you display a value of a particular cell in a web table?
30. How will you handle dynamic elements using XPath?
31. What is POM?

common basic selenium interview questions

how to do following things

implicit and explicit waits

handle-alert and multiple windows

select from dropdown
broken links detection
pom framework
parameters related to pom
desired capabilities
scroll bar implementation
mouse hover implementation
JavaScript executor
Actions implementation
Detect Dynamic Objects

Selenium Real Time Interview Questions

1) What are the Selenium Tools, and Testing framework that you are using in your Current Project?

We are using,

- Selenium WebDriver for Creating Test Cases.
- Java Programming for Enhancing Test cases.
- TestNG Testing Framework for Grouping Test cases, executing Test batches and generating Test reports.

Also used,

- Firebug and Firepath for inspecting elements.
- IE Browser driver, Chrome browser driver for Cross Browser testing.

2) What is your Project Operating environment?

Microsoft Windows 8.1

3) What is your project domain and Application Environment?

Our project is Banking Application,

Our AUT (Application Under Test) developed using Java Technology and Database is Oracle.

4) What are the major challenges in Functional Test Automation?

- Object Identification.
- Debugging Issues. etc...

5) What are the difficulties that you faced in Object identification?

Some Elements (Objects) not recognized properly using Selenium WebDriver Element locators.

6) How you conducted Data driven Testing in your project?

We conducted Data driven Testing using external Excel file as Resource, we added some third party excel jar files to Java Project in Eclipse.

7) How you conducted Batch Testing in your project?

We conducted Batch Testing using TestNG Testing Framework.

8) How you conducted Cross browser testing in your project?

Using Mozilla Firefox, IE and Google Chrome browsers(Downloaded IE and Google Chrome Browser drivers). we executed Test cases.

9) How you handled duplicate Elements in your project?

Using index property of Elements we handled duplicate objects.

10) How many Test cases you wrote for your Project/Module?

I prepared around 120 Test cases in my Module.

11) How many defects you detected and give one example?

I detected nearly 20 Defects in which 5 defects are Severe defects.

12) How you selected Test cases for Regression Testing?

We selected Test cases for Regression Testing based on Defect effected Test cases and from defect dependent Test cases.

13) How you organized your Test Automation resources?

14) Did you use any build management tool in your project?

We used Maven build management tool in our project.

15) How you handled errors in your Test scripts?

We handled errors in our Test Scripts using Java Error handling features.

16) Did you create any reusable components?

Yes, We created some reusable components in our project for Login Functionality, Registration Functionality etc...

17) Did you find any Test Scenarios that not to be automated in your project using Selenium?

Yes, We find some Some Test Scenarios in our Current project,
Functionalities that require more user interaction,
Functionalities that require Dynamic test data submission.

18) How to execute multiple Java programs at a time?

We execute multiple Java programs using XML file in TestNG framework.

19) How to conduct parallel Test execution?

Usually We conduct Parallel Test Execution using Selenium Grid, but no parallel test execution in my Current project.

20) What Defect management / Test management tool you used in you project?

We are using Jira Test Management tool in our project with Selenium.

21) How you communicated with development team to resolve the issues.

We communicate Development team via Our Test Manager.

22) Did you involve in Selenium Test environment Setup?

Yes, I involved in Selenium Environment Setup in my Current Project.

As per my project, we selected Java, Selenium WebDriver and TestNG Framework and Maven.
We Downloaded Eclipse IDE and Extracted.
Downloaded Java Software and Installed.
Environment Variable path setup.
Downloaded Selenium WebDriver Java language bindings(jar files) and added to Java Project in Eclipse.
Downloaded and Installed TestNG Framework from Eclipse IDE.
Installed Maven build management tool.

Saved

QTPSelenium

1. Difference between “==” and equals()?

Ans - “==” compares only value. It gives wrong ans when we compare objects because it compares object location

Equals() compare the values in objects.

<https://www.programmerinterview.com/index.php/java-questions/java-whats-the-difference-between-equals-and/>

2. Difference Between Char Array and String Array?

Ans - String Array can hold Strings eg:- “Ricky 6501”

Char Array will only hold a Character.

3. What is Static and what are the Advantages of Static?

Ans - The static keyword in java is used for memory management mainly. We can apply java static keyword with variables, methods, blocks and nested class. The static keyword belongs to the class than instance of the class.

Advantages:-

4. Is null a Keyword?

Ans- Yes

5. What is case variable in Java?

Ans-

6. What is Local Variable?

Ans -

7. What is default boolean value in java?

8. What is diff btwn String and StringBuffer in Java?

9. What is Final?

10. How to read the from XML File?

11. What is jdbc? How we connect to the Database?
12. What is difference between throw and throws?
13. What are static variables?
14. What is the adv of static method?
15. `Class.forName(X)` what will you write in place of X?