**Selenium Interview Questions**

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## 1) How to Kill IE process running in Background

Below command will close IE process (If any Running)

Runtime.getRuntime().exec("taskkill /F /IM IExplore.exe");

Below command will close IE process (If any Running) but will throw exception if no process is running in background

WindowsUtils.killByName("IExplore.exe");

## 2) How do you read data from excel ?

FileInputStream fs = **new** FileInputStream("C:\\Users\\DELL\\Desktop\\Selenium\\Selenium\_WorkSpace\\Amazon\\TestResources\\SampleExcel.xlsx");

XSSFWorkbook wb = **new** XSSFWorkbook(fs);

XSSFSheet ws = wb.getSheet("Sample");

XSSFCell cell = ws.getRow(1).getCell(1);

String cellValue = cell.getStringCellValue();

System.***out***.println("Value in Cell : "+cellValue);

# http://www.software-testing-tutorials-automation.com

### 1)I wants to scroll my software web application page by 300 pixel. Tell me how can i do it?

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,600)", "");

### 2)Is there any way to get size and position of browser window in selenium webdriver?

driver.manage().window().setSize(**new** Dimension(300,500));

driver.manage().window().setPosition(**new** Point(50,150));

System.***out***.println("Window height Is -> "+driver.manage().window().getSize().getHeight());

System.***out***.println("Window width Is -> "+driver.manage().window().getSize().getWidth());

System.***out***.println("Window position X coordinates Is -> "+driver.manage().window().getPosition().getX());

System.***out***.println("Window position Y coordinates Is -> "+driver.manage().window().getPosition().getY());

### 3)I wants to pass parameter In software test case through testng.xml file. How can I do It?

<suite name="webDriver" **parallel="tests"**>

<test name="Test In FireFox" >

**<parameter name="browser" value="FFX" />**

<classes>

<class name="Testng\_Pack.Test\_Parallel" />

</classes>

</test>

<test name="Test In Google Chrome" >

**<parameter name="browser" value="CRM"></parameter>**

<classes>

<class name="Testng\_Pack.Test\_Parallel"></class>

</classes>

</test>

</suite>

@Parameters ({"**browser**"})

### 4)Can you tell me three different ways to refresh page. Do not use .refresh() method.

driver.navigate().refresh();

driver.get(driver.getCurrentUrl());

driver.navigate().to(driver.getCurrentUrl());

driver.findElement(By.*xpath*("//h1[@class='title']")).sendKeys(Keys.***F5***);

### 5)How to press ENTER key button on text box In selenium webdriver?

To press ENTER key using selenium WebDriver software automation tool, We need to use selenium Enum Keys with Its constant ENTER as bellow.

driver.findElement(By.xpath("//input[@id='gbqfq']")).sendKeys(Keys.ENTER);

### 6) Can you tell me a difference between driver.get() and driver.navigate() methods?

**driver.get()**

* driver.get() method Is generally used for Open URL of software web application.
* It will wait till the whole page gets loaded.

**driver.navigate()**

* driver.navigate() method Is generally used for navigate to URL of software web application, navigate back, navigate forward, refresh the page.
* It will just navigate to the page but wait not wait till the whole page gets loaded.

### 7)Do you have faced any Issue with "submit" method any time?

Yes, I have faced Issue like submit method was not working to submit the form. In this case, Submit button of form was located outside the opening <form> and closing </form> tags. In this case submit method will not works to submit the form.  
  
Also If submit button Is located Inside opening **<form>** and closing **</form>** tags but that button's **type**tag's attribute Isn't **submit**then submit method will not work. It(**type**tag's attribute) should be always submit.

### 8) On Google search page, I wants to search for some words without clicking on Google Search button. Is It possible In WebDriver? How?

Yes we can do It using WebDriver **sendKeys** method where we do not need to use Google Search button. Syntax Is as bellow.

driver.findElement(By.xpath("//input[@id='gbqfq']")).sendKeys("Search Syntax",Keys.ENTER);

### 9)Give me any five different xPath syntax to locate bellow given Input element.

<input id="fk-top-search-box" class="search-bar-text fk-font-13 ac\_input" type="text" autofocus="autofocus" value="" name="q" />

Five xPath syntax for above element of software web application page are as bellow.

//input[@id='fk-top-search-box']

//input[contains(@name,'q')]

//input[starts-with(@class, "search-bar-text")]

//input[@id='fk-top-search-box' or @name='q']

//input[starts-with(@id, 'fk-top-search-box') and contains(@class,'fk-font-13')]

### 10) IEDriver - How To Resolve "Enable Protected Mode For All Zones" Error RunTime

**// Set capability of IE driver to Ignore all zones browser protected mode settings.**

DesiredCapabilities caps = DesiredCapabilities.internetExplorer();

caps.setCapability(**InternetExplorerDriver.INTRODUCE\_FLAKINESS\_BY\_IGNORING\_SECURITY\_DOMAINS**,**true**);

**// Initialize InternetExplorerDriver Instance using new capability.**

WebDriver driver = new InternetExplorerDriver(caps);

System.*setProperty*("webdriver.ie.driver", "C:\\Swapnil\\Swap\_Downloads\\IEDriverServer\_Win32\_2.53.0\\IEDriverServer.exe");

DesiredCapabilities caps = DesiredCapabilities.*internetExplorer*();

caps.setCapability(InternetExplorerDriver.***INTRODUCE\_FLAKINESS\_BY\_IGNORING\_SECURITY\_DOMAINS***, **true**);

WebDriver driver = **new** InternetExplorerDriver(caps);

driver.get("https://www.facebook.com/");

### 11) IEDriver - How To Resolve Set IE browser Zoom Level To 100% Error On RunTime

**// Set desired capabilities to Ignore IEDriver zoom level settings and disable native events.**

DesiredCapabilities caps = DesiredCapabilities.internetExplorer();

caps.setCapability("EnableNativeEvents", false);

caps.setCapability("ignoreZoomSetting", true);

**// Initialize InternetExplorerDriver Instance using new capability.**

WebDriver driver = new InternetExplorerDriver(caps);

driver.manage().timeouts().implicitlyWait(15, TimeUnit.SECONDS);

**// Press CTRL + 0 keys of keyboard to set IEDriver Instance zoom level to 100%.**

driver.findElement(By.tagName("html")).sendKeys(Keys.chord(Keys.CONTROL, "0"));