**Interview Questions on How to work with different elements?**

**How to check if an element is dsplayed or hidden on a webpage?**

Using isDisplayed() method. It returns true if the element is displayed. It returns false if it is hidden.

**How to check if an element is enabled or disabled?**

Using isEnabled() method. It returns true if the element is enabled. It returns false if it is disabled.

**How do you remove text in a text box or textarea?**

Using clear() method

**How do to pass values to a text box or textarea?**

Using sendKeys() method.

**How to check if a checkbox is already selected?**

Using isSelected() method.

**How to select a check box?**

Using click() method

**Can we use clear() method to unselect a checkbox that was already checked?**

No. You have to use click() method again.

**How to find the total number of particular elements on a web page?**

Use driver.findElements() method and then size() method to get all the elements.

**How do you get the value of an element on a webpage?**

Using getAttribute(“value”)

**How do you limit the scope of WebDriver to a particular portion of webpage?**

First find the web element portion using findElement method and read it into a Webelement. Then use findElement method again on the WebElement. But here you have to search only with in the portion so use xpath with a dot (“.”) before the //.

**How do you select a radio button on a webpage?**

Using click() method.

**How do you select a value from a dropdown list?**

We use Select class.

Select s = new Select(driver.findElement())

Then we use the following methods.

selectByIndex()

selectByValue()

selectByVisibleIndex()

**How to get the text of a dropdown list?**

Using getText() method. Find find the list element and apply getText() method.

**Can we find the text associated with a checkbox using getText() method?**

No. getText() returns null for this. getText() should be used only when the text is wrapped by the tags. For example the text inside a div or span elements etc. In dropdowns also the text is wrapped by <li> tags so we use it for dropdowns but not for the input elements like checkboxes, text boxes etc. Instead we can get the value attribute for these using getAttribute(“value”).

**How do you select a value from multiple select?**

Here also, we use Select class.

Select s = new Select(driver.findElement())

Then we use the following methods.

selectByIndex()

selectByValue()

selectByVisibleIndex()

**How do you unselect a value from a multiple select?**

**Methods to deselect:**

deselectByIndex()

deselectByValue()

deselectByVisibleIndex()

**Method to deselect all:**

deselectAll()

**How to click on a hyperlink using selenium WebDriver?**

Using click() method.

How can we maximize browser window in Selenium?

driver.manage().window().maximize()

**What is the difference between FindElement() and FindElements() methods?**

FindElement – This returns a single matching element. The return type is WebElement. We have many methods like sendKeys(), click() etc under this.

FindElements – This returns a list of WebElements. Since this returns a list, we use get() method first to get a particular WebElement and then we use methods like sendKeys(), click() etc.