**Operations on text box:**

1. Enter a value - sendKeys()
2. Get the value - getAttribute("value")
3. Clear the value - clear()

**Operations on button:**

1. Click - click()
2. Enabled status - isEnabled()
3. Display status - isDisplayed()
4. To submit the form - submit()

**Operations on text/label:**

1. Check text displayed on the web page - getText()

**Operations on link:**

1. Click the link - click()
2. Return the link text - getText()
3. Return the link href - getAttribute("href")
4. To check the display of the link - isDisplayed()
5. To check the enablement of the link - isEnabled()

HTML For Checkbox

<input type=”checkbox”>

For Radio Button

<input type=”radio”>

**Operations on radio button:**

1. Select radio button value - click()
2. Check if the radio button is displayed - isDisplayed()
3. To check the element is already selected - isSelected()
4. To check the enablement of the radio button - isEnabled()

**Operations on checkbox:**

1. Select checkbox value - click()
2. Check if the checkbox is displayed - isDisplayed()
3. To check the element is already selected - isSelected()
4. To check the enablement of the checkbox - isEnabled()
5. Unselect the checkbox – second time click()

Before performing click action, sometimes we need to verify some activity like

* You need to verify whether radio button or checkbox is enabled.
* You need to verify whether radio button or checkbox is Displayed on UI or not.
* You need to verify whether checkbox and radio button is default selected or not.

The methods are

isDisplayed();

isEnabled();

isSelected();

**Operations on drop down:**

1. Select an item/ multiple item in the list

selectByVisibleText(" ")

selectByValue(" ")

selectByIndex( ) – Index starts with 0.

1. Deselect an item from the selected items

deselectByValue(" ")

deselectByIndex( )

deselectByVisibleText(" ")

1. To display selected items

getAllSelectedOptions()

1. Deselect all items from the selected items

deselectAll()

1. To get all the options belonging to the Select tag

getOptions()

Ex:

Select select = new Select(<WebElement object>);

Select oSelect = new Select(driver.findElement(By.id("Search-box")));

List <WebElement> elementCount = oSelect.getOptions();

System.out.println(elementCount.size());

1. getFirstSelectedOption()

This method is used to get the first selected option in the list.

1. isMultiple()

This method is used to check that the list supports multiple options at the same time or not. It can be done by checking the value of the “multiple” attribute.