**Step 1) Import the “Select” package.**

import org.openqa.selenium.support.ui.Select;

**Step 2) Declare the drop-down element as an instance of the Select class**.

In the example below, we named this instance as “dropdown”.

Select dropdown = new Select(driver.findElement(By.name("value\_of\_Name")));

**Step 3) Start Controlling it.**

We can now start controlling “dropdown” by using any of the available Select methods to select dropdown in Selenium. The sample code below will select the option “Visible\_Text\_1.”

dropdown.selectByVisibleText("Visible\_Text\_1");

**Select Class in Selenium**

The **Select Class in Selenium** is a method used to implement the HTML SELECT tag. The html select tag provides helper methods to select and deselect the elements.

**Select Methods in Selenium**

The following are the most common methods used on Selenium dropdown list.

**#1) selectByVisibleText() and deselectByVisibleText()**

* Selects/deselects the option that displays the text matching the parameter.
* **Parameter:** The exactly displayed text of a particular option

**Example:**

dropdown.selectByVisibleText("Visible\_Text\_1");

**#2) selectByValue() and deselectByValue()**

* Selects/deselects the option whose “value” attribute matches the specified parameter.
* Remember that not all drop-down options have the same text and “value”, like in the example below.
* **Parameter:** value of the “value” attribute

dropdown.selectByValue("234");

**#3) selectByIndex() and deselectByIndex()**

* Selects/deselects the option at the given index.
* **Parameter:** the index of the option to be selected.

**Example:**

dropdown.selectByIndex(0);

**#4) isMultiple()**

* Returns TRUE if the drop-down element allows multiple selections at a time; FALSE if otherwise.
* **Parameter:** Not needed

**Example**

if (dropdown.isMultiple())

{

//do something here

}

**#5) deselectAll()**

* Clears all selected entries. This is only valid when the drop-down element supports multiple selections.
* **Parameter:** Not needed

**Example:**

dropdown.deselectAll();

|  |  |
| --- | --- |
| **Command** | **Description** |
| selectByVisibleText()/ | selects/deselects an option by its displayed text |
| deselectByVisibleText() |
| selectByValue()/ | selects/deselects an option by the value of its “value” attribute |
| deselectByValue() |
| selectByIndex()/ | selects/deselects an option by its index |
| deselectByIndex() |
| isMultiple() | returns TRUE if the drop-down element allows multiple selection at a time; FALSE if otherwise |
| deselectAll() | deselects all previously selected options |

To control drop-down boxes,

1. import the org.openqa.selenium.support.ui.Select package
2. create a Select instance and pass a WebElement which has the tag<Select>