**DROPDOWN BUTTON**

The **dropdown** class indicates a **dropdown** menu. To open the **dropdown** menu, use a **button** or a link with a class of .**dropdown**-toggle and the data-toggle="**dropdown**" attribute. The .caret class creates a caret arrow icon (), which indicates that the **button** is a **dropdown**.

## Select in Selenium WebDriver

The 'Select' class in Selenium WebDriver is used for selecting and deselecting option in a dropdown. The objects of Select type can be initialized by passing the dropdown web Element as parameter to its constructor.

SYNTAX

Web Element we=driver.findElement(By.id("drop1"));

Select sel=new Select(we);

* **Selecting options from dropdown**

There are three ways of selecting options from dropdown-

* selectByIndex - To select an option based on its index, beginning with 0.
* dropdown.selectByIndex(3);
* selectByValue - To select an option based on its 'value' attribute.
* dropdown.selectByValue("Database");
* selectByVisibleText - To select an option based on the text over the option.
* dropdown.selectByVisibleText("Database Testing");
* **Different utility methods in the Select class**
* **deselectAll()** - To deselect all the selected options.
* **deselectByIndex(int index)** - To deselect the option based on its index.
* **deselectByValue(String valueAttribute)** - To deselect the option its 'value' attribute.
* **deselectByVisibleText(String text)** - To deselect the option based on the text over the option.
* **getOptions()** - To return list of all the options(List<WebElement>).
* **getAllSelectedOptions()** - To return the list of all the selected options(List<WebElement>).
* **getFirstSelectedOption()** - To return the selected option or the first selected option in case of dropdowns allowing multi-select.
* **isMultiple()** - To return a boolean value, checking if the dropdown allows multiple option select or not.
* **Example for DropDown**

WebDriver driver = new FirefoxDriver();

driver.get("http://demoqa.com/registration/");

WebElementcon=driver.findElement(By.*name*("dropdown\_7"));

Select con1=**new** Select(con);

con1.selectByValue("Albania");