

Selenium WebDriver Select Dropdown

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Agenda

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HTML Select Dropdown

```
1 <select id="dropdown">
2   <option value="1">Option 1</option>
3   <option value="2">Option 2</option>
4   <option value="3">Option 3</option>
5 </select>
```

Tree structure of the dropdown:

- **Select**
 - *Option 1*
 - *Option 2*
 - *Option 3*

Selenium WebDriver Select Dropdown

Syntax: to select dropdown using Selenium WebDriver

```
Select select = new Select(WebElement webelement);
```

Methods:



Learn more about Select

selectByVisibleText()

Syntax:

```
1 obj.Select.selectByVisibleText("text");
```

Example:

```
1 Select objSelect =new Select(driver.findElement(By.id("search-box")));  
2 objSelect.selectByVisibleText("Automation");
```

selectByIndex()

Syntax:

```
1  obj.Select.selectByIndex(index);
```

Example:

```
1  Select objSelect =new Select(driver.findElement(By.id("search-box")));  
2  objSelect.selectByIndex(1);
```

selectByValue()

Syntax:

```
1 obj.Select.selectByValue("value");
```

Example:

```
1 Select objSelect =new Select(driver.findElement(By.id("search-box")));  
2 objSelect.selectByValue("Automation");
```

getOptions()

Syntax:

```
1 List<WebElement> options = objSelect.getOptions();
```

Example:

```
1 Select objSelect =new Select(driver.findElement(By.id("search-box")));  
2 List<WebElement> options = objSelect.getOptions();  
3 System.out.println(options.size());
```


deselectAll()

Syntax:

```
1  objSelect.deselectAll();
```

Example:

```
1  Select objSelect =new Select(driver.findElement(By.id("search-box")));  
2  objSelect.deselectAll();
```

Code Example of Select Dropdown

```
1  public class SelectDropdown {
2      public static void main(String[] args) {
3          WebDriver driver = new ChromeDriver();
4          driver.get("https://qbek.github.io/selenium-exercises/en/");
5
6          driver.findElement(By.xpath("//a[@href='selects.html']")).click();
7
8          // Select how many letters
9          WebElement selectLetter = driver.findElement( By.cssSelector(".custom-select.mb-3") );
10
11          Select select = new Select( selectLetter );
12          select.selectByIndex(2);
13      }
14  }
```

Thank you ❤️

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