

## Agenda

- 1. HTML Select Dropdown
- 2. Selenium WebDriver Select Dropdown
- selectByVisibleText()
- 4. selectByIndex()
- 5. selectByValue()
- 6. getOptions()
- 7. deselectAll()
- 8. Code Example of Select Dropdown

## HTML Select Dropdown

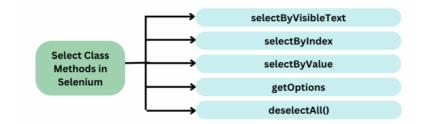
#### Tree structure of the dropdown:

- 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:

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

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

# selectByIndex()

### Syntax:

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

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

## selectByValue()

### Syntax:

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

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

## getOptions()

### Syntax:

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

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

## deselectAll()

### Syntax:

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

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

# Code Example of Select Dropdown

```
public class SelectDropdown {
    public static void main(String[] args) {
        WebDriver driver = new ChromeDriver();
        driver.get("https://qbek.github.io/selenium-exercises/en/");

        driver.findElement(By.xpath("//a[@href='selects.html']")).click();

        // Select how many letters
        WebElement selectLetter = driver.findElement( By.cssSelector(".custom-select.mb-3") );

        Select select = new Select( selectLetter );
        select.selectByIndex(2);
        }
}
```



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