

What are the locators: to identify the web elements uniquely basically we have 8 type of locators

1.By Id: Locators element using id attribute of the web element.

```
WebElement element = driver.findElement(By.id("elementId"));
```

Element.click();

2.By className: Locators the web element using className attribute.

```
WebElement element = driver.findElement(By.className("elementsClass"));
```

Element.click()

3.By tagName: Locators the web element using its html tag like div, a, input etc.

```
WebElement element = driver.findElement(By.tagName("a"));
```

Element.click()

4.By name: Locates the web element using name attribute.

```
WebElement element = driver.findElement(By.name("male"));
```

Element.click()

5.By linkText: Locates the web element of link type using their text.

```
WebElement element = driver.findElement(By.linkText("Click Here"));
```

Element.click()

6.By partialLinkText: Locates the web element of link type with partial matching of text.

```
WebElement element = driver.findElement(By.partialLinkText("Click"));
```

Element.click()

7.By cssSelector: Locates the web element using css its CSS Selector patterns

```
WebElement element = driver.findElement(By.cssSelector("div#elementId"));
```

Element.click()

8.By xpath: Locates the web element using its XPaths

```
WebElement element =  
driver.findElement(By.xpath("//div[@id='elementId']"));
```

Element.click()

```
    }  
}
```