

1)Difference Between FindElement and FindElements .

FindElement	FindElements
Its is used to handle Single Element	Its is used to handle Multiple Elements
Return type is Web Element	Return type is List of Web Element
If the locator is not matching ,at that time we will get NoSuchElementException	If the locator is not matching ,at that time we will get Empty List
If the Locator is Matching multiple elements ,then it will return the first matching element	It will return all matching Elements .

2)Difference Between Close() and Quit() Method

Close()	Quit()
It is used to close the current Window in the browser	It is used to close all the windows in the browser.(child and Parent window)

3)What is ClassName Locator in Selenium?

- ClassName is a One of the Locator in Selenium which is **used to find Web Element**.
- To use ClassName **Locator ,we need to attach class attribute value inside the ClassName locator .**
- Syntax :`driver.findElement(By.className("value"));`

Note:

When to go--→if it is not separated with space for example: `class="ico-login"` .

When not to go -→if it is separated with for example: `class="text-button button-text";`

4)What is Name Locator in Selenium?

- Name is a One of the Locator in Selenium which is used to find Web Element.
- To use Name Locator ,we need to attach the Name attribute value inside Name locator .
- Syntax :`driver.findElement(By.Name("value"));`

5)What is Id Locator in Selenium?

- Id is a One of the Locator in Selenium which is used to find Web Element.
- **Id is Unique value, each and every web element having a unique Id value .**
- To use Id Locator ,we need to attach the Id attribute value inside Id locator .
- Syntax :`driver.findElement(By.Id("value"));`

6)What is TagName Locators in Selenium?

- TagName is a One of the Locator in Selenium which is used to find Web Element.
- To use TagName Locator ,we need to attach the particular Tag Name inside TagName locator .
- Syntax :driver.findElement(By.tagName("Tag name"));
- For Example : <input>

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driver.findElement(By.tagName("input"))
```

7)What is linkedText Locator in Selenium?

- linkedText is a One of the Locator in Selenium which is used to find Web Element.
- To use linkedText Locator ,we need to attach the Text of that Web Element inside linkedText locator .
- Syntax :driver.findElement(By.linkedText("text"));

8)What is partialLinkedText Locator in Selenium?

- partialLinkedText is a One of the Locator in Selenium which is used to find Web Element.
- To use partialLinkedText Locator ,we need to attach the partial Text of that Web Element inside partialLinkedText locator .
- Syntax :driver.findElement(By.partialLinkedText("partial text"));

Note :Partial text is nothing but some portion of the text

9)What is cssSelector Locator in Selenium?

- cssSelector is a One of the Locator in Selenium which is used to find Web Element.
- Syntax :TagName[AN='AV'];
- when there is no direct locator to find the WebElement , at the time we go for cssSelector
- for example :value="value-Name",type="submit",arial-style="style-Name";
----> a[type='submit']
----> div[value='button-type']
----->input[id='searchField']

Note:

- Shortcuts for using id and Class

1)for Id

- id is represented by #,for Example : id="Email";
- Syntax: driver.findElement(By.cssSelector("#Email")).

2)for Class

- Class is represented by dot (.),for Example class="ico-login".
- Syntax: driver.findElement(By.cssSelector(".ico-login")).

