



01/09

Selenium - Java Cheat Sheet



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Locating Elements - By

id:

```
driver.findElement(By.id("idValue"));
```

name:

```
driver.findElement(By.name("nameValue"));
```

cssSelector:

```
driver.findElement(By.cssSelector("input[ty  
pe='submit']"));
```

XPath:

```
driver.findElement(By.xpath("//input[@typ  
e='submit']"));
```



**tagName:**

```
driver.findElement(By.tagName ("html  
tagName"));
```

className:

```
driver.findElement(By.className  
("classValue"));
```

linkText:

```
driver.findElement(By.linkText ("Sale"));
```

partialLinkText:

```
driver.findElement(By.partialLinkText  
("link text"));
```





Selenium Navigators

Navigate to URL:

```
driver.get("https://alphabin.co/");
```

OR

```
driver.navigate.to("https://alphabin.co/");
```

Refresh Page:

```
driver.navigate().refresh();
```

Navigate forward in browser:

```
driver.navigate().forward();
```

Navigate back in browser:

```
driver.navigate().back();
```





Alerts

Accept an alert:

```
driver.switchTo().alert().accept();
```

Dismiss an alert:

```
driver.switchTo().alert().dismiss();
```

Enter text in an alert box:

```
driver.switchTo().alert().sendKeys("Alphabin");
```

Retrieve alert text:

```
driver.switchTo().alert().getText();
```





iFrame

by index: → index start from 0

```
driver.switchTo().frame(0);
```

id/name:

```
driver.switchTo().frame("id or name of the  
iFrame");
```

web element (locators):

```
WebElement middleFrame =  
driver.findElement(By.xpath("//frame[@name=  
'left']"));  
driver.switchTo().frame(middleFrame);
```





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Actions

Step 1: Create the action object:

```
Actions actions=new Actions(driver);
```

Step 2: Locate the WebElement you want to work on:

```
driver.switchTo().frame("id or name of the iFrame");
```



Step 3: Perform the action on the WebElement

Right click:

```
actions.contextClick(element).perform();
```

Hover over:

```
actions.moveToElement(element).perform();
```

Double Click:

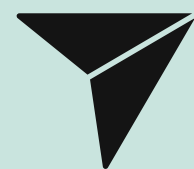
```
actions.doubleClick(element).perform();
```

Mouse Hover:

```
actions.moveToElement(element).build().perform();
```




Was This Helpful



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