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# 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();
```





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# 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();
```

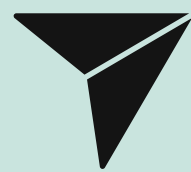
Mouse Hover:

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





# Was This Helpful



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