Handling Various Web Elements.

ActionsDemo.java

```java
package com.ecommerce.test;

import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Action;
import org.openqa.selenium.interactions.Actions;

public class ActionsDemo {

public static void main(String[] args) throws InterruptedException {

WebDriver driver = new ChromeDriver(); // new FirefoxDriver();
demoMouseActions(driver);
}

static void demoMouseActions(WebDriver driver) throws InterruptedException {
String baseUrl = "File:///C:\\Users\\Dhineshkumar\\eclipse-workspace\\hello-selenium\\src\\main\\test.html";

driver.get(baseUrl);

WebElement buttonElement = driver.findElement(By.id("dblButton"));
```

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


Thread.sleep(5000);// Remove this once we have tested this automation.


actions.doubleClick(buttonElement).perform();


Thread.sleep(5000);


//Double click on the text Hello World
// Example of build 2 or more actions and them performing all of them together.
WebElement textHelloWorldElement = driver.findElement(By.id("xyz"));
Actions actions2 = new Actions(driver);


Action action = actions2
.doubleClick(textHelloWorldElement)
.contextClick(textHelloWorldElement)
.pause(Duration.ofSeconds(10))
.click(textHelloWorldElement)
.build();


action.perform();


Thread.sleep(5000);
// Scroll actions
Actions actions3 = new Actions(driver);
Action action3 = actions3
.sendKeys(Keys.PAGE_DOWN)  // scroll one page
.sendKeys(Keys.PAGE_DOWN)  // scroll another one page
.build();
```

```
action3.perform();


Thread.sleep(5000);


// Drag and Drop

Actions actions4 = new Actions(driver);

Action action4 = actions4

.clickAndHold(textHelloWorldElement)

.pause(Duration.ofSeconds(10))

.dragAndDrop(textHelloWorldElement, buttonElement)

.build();

action4.perform();

}

}
```

Output