**Handling Various Web Elements**

**Actionsdemo.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\\murug\\eclipse10\\webdevelop\\src\\test.html";

driver.get(baseUrl);

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

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:

