Mouse actions in selenium:

1.Mousehover / movetoElement.  
2.click().  
3.doubleclick().  
4.right click() / context click().

**package** selenium;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

**public** **class** BrowserLaunching {

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

//System.setProperty("webdriver.chrome.driver", "C:\\Users\\ADMIN\\eclipse-workspace\\nov 8th\\drivers\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

driver.get("https://swisnl.github.io/jQuery-contextMenu/demo.html");

//driver.get("https://www.orangehrm.com/");

Thread.*sleep*(2000);

Actions mouse = **new** Actions(driver);

//mouse.moveToElement(driver.findElement(By.className("nav-link-hed"))).perform();

//mouse.moveToElement(driver.findElement(By.xpath("//\*[@id=\"navbarSupportedContent\"]/ul/li[1]/div/div/div/div/ul/li[1]"))).perform();

//mouse.moveToElement(driver.findElement(By.xpath("//\*[@id=\"navbarSupportedContent\"]/ul/li[1]/div/div/div/div/ul/li[1]/div/div/h6[1]/a"))).click().perform();

Thread.*sleep*(2000);

//driver.findElement(By.id("myText")).sendKeys("parthasaradhi");

//mouse.doubleClick(driver.findElement(By.id("myText"))).perform();

driver.findElement(By.*xpath*("//span[.='right click me']"));

mouse.contextClick(driver.findElement(By.*xpath*("//span[.='right click me']"))).perform();

driver.findElement(By.*xpath*("//span[.='Copy']"));

mouse.click(driver.findElement(By.*xpath*("//span[.='Copy']"))).perform();

}

}

Dropdowns:

1. Select:

a.SelectByVisibleText()

b.SelectByValue()

c.SelectByIndex()

**package** selenium;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.support.ui.Select;

**public** **class** Multipledropdowns {

**public** **static** **void** main(String[] args) {

WebDriver driver = **new** ChromeDriver();

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driver.get("https://www.hyrtutorials.com/p/html-dropdown-elements-practice.html");

WebElement dropcourse = driver.findElement(By.*id*("course"));

Select dropcours = **new** Select(dropcourse);

dropcours.selectByIndex(3);

Drag and drop:

Actions class has two methods that support drag and drop.

Actions.dropAndDrop(Sourcelocator, Destinationlocator)

In dragAndDrop method, we pass two parameters----

1.First parameter “Sourcelocator” is the element which we need to drag.

2.Second parameter “Destinationlocator” is the element on which we need to  
 drop the first element.

Actions.dragAndDropBy(Sourcelocator, x-axis pixel of Destinationlocator, y-axis pixel of Destinationlocator)

dragAndDropBy method we pass the 3 parameters----

1.First parameter “Sourcelocator” is the element which we need to drag

2.The second parameter is x-axis pixel value of the 2nd element on which   
 we need to drop the first element.

3.The third parameter is y-axis pixel value of the 2nd element on which we   
 need to drop the first element.

