Selenium

**Login:**

packagepractise;

importorg.openqa.selenium.By;

importorg.openqa.selenium.WebDriver;

importorg.openqa.selenium.chrome.ChromeDriver;

public class Login {

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

// TODO Auto-generated method stub

System.setProperty("webdriver.firefox.driver", "C:/firefoxdriver.exe");

//open the browser

WebDriver dr= new ChromeDriver();

Thread.sleep(3000);

// open facebook page https://www.facebook.com/

dr.get("https://www.facebook.com/");

Thread.sleep(3000);

// enter the user name

dr.findElement(By.id("email")).sendKeys("nagarjun.8464@gmail.com");

Thread.sleep(3000);

// enter the password

dr.findElement(By.id("pass")).sendKeys("nagarjuna");

Thread.sleep(3000);

//click on login button

dr.findElement(By.xpath(".//\*[@id='loginbutton']")).click();

}

}

**Mouse over:**

packagepractise;

importorg.openqa.selenium.By;

importorg.openqa.selenium.WebDriver;

importorg.openqa.selenium.firefox.FirefoxDriver;

importorg.openqa.selenium.interactions.Actions;

importorg.testng.Assert;

public class MouseOver {

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

WebDriver dr= new FirefoxDriver();

Thread.sleep(2000);

dr.get("https://www.walgreens.com/");

Thread.sleep(2000);

Assert.assertEquals(dr.getTitle(), "Welcome to Walgreens - Your Home for Prescriptions, Photos and Health Information");

Actions mouseOver= new Actions(dr);

Thread.sleep(2000);

mouseOver.moveToElement(dr.findElement(By.linkText("Health Info & Services" ))).build().perform();

Thread.sleep(2000);

dr.findElement(By.xpath(".//\*[@id='wag-header-mobile-slider']/nav/ul/li[4]/ul/li[4]/section/a")).click();

Thread.sleep(2000);

dr.findElement(By.linkText("Vaccine Consent Form ›")).click();

}

}

**Select drop down:**

packagepractise;

importorg.openqa.selenium.By;

importorg.openqa.selenium.WebDriver;

importorg.openqa.selenium.WebElement;

importorg.openqa.selenium.firefox.FirefoxDriver;

importorg.openqa.selenium.support.ui.Select;

public class SelectDropDown {

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

//System.setProperty("webdriver.chrome.driver", "C:/chromedriver.exe");

//open the browser

WebDriver dr= new FirefoxDriver();

Thread.sleep(2000);

// open webuy page https://uk.webuy.com/

dr.get("https://uk.webuy.com/");

Thread.sleep(2000);

// search for iPhone

// enter iphone in the search text box

dr.findElement(By.id("stext")).sendKeys("iPhone");

// click on search button

dr.findElement(By.xpath(".//\*[@id='headersearch']/div[3]/input")).click();

//Add the first item to cart

dr.findElement(By.xpath("html/body/div[5]/div[1]/div[3]/div[5]/div[1]/div[1]/div[3]/div/a[2]/div")).click();

// Add the second item to cart

dr.findElement(By.xpath("html/body/div[5]/div[1]/div[3]/div[5]/div[1]/div[2]/div[3]/div/a[2]/div")).click();

// get no.of items added in cart

String totalItems=dr.findElement(By.xpath(".//\*[@id='buyBasketCount']")).getText();

// verify that number of items added in cart is same as added items

if(Integer.parseInt(totalItems)==2){

System.out.println("The number of items in cart are same as actually added items");

}

else

{

System.out.println("The number of items in cart are not same as actually added items");

}

// click on view basket link

dr.findElement(By.xpath("html/body/div[5]/div[2]/div[4]/div[2]/table/tbody/tr/td[2]/a[1]")).click();

// get the total amount before removing the item from the cart

String totalBeforeRemoval= dr.findElement(By.xpath("html/body/div[4]/div[1]/div[3]/div[2]/form/table/tbody/tr[5]/td[2]")).getText();

// remove the first item from the cart

dr.findElement(By.xpath("html/body/div[4]/div[1]/div[3]/div[2]/form/table/tbody/tr[1]/td[5]/a/img")).click();

// get the total amount after removing the item from the cart

String totalAfterRemoval= dr.findElement(By.xpath("html/body/div[4]/div[1]/div[3]/div[2]/form/table/tbody/tr[4]/td[2]")).getText();

// verify the whether the total is changed or not

if(!(totalBeforeRemoval.equals(totalAfterRemoval))){

System.out.println("Total is changed");

}

else{

System.out.println("Total is not changed");

}

Thread.sleep(3000);

// change the quantity to 2

WebElement dropDown=dr.findElement(By.xpath("html/body/div[4]/div[1]/div[3]/div[2]/form/table/tbody/tr[1]/td[1]/div/select"));

Select sel = new Select(dropDown);

Thread.sleep(5000);

sel.selectByIndex(1);

// get total after changing the quantity

String totalAfterChangingQuantity= dr.findElement(By.xpath("html/body/div[4]/div[1]/div[3]/div[2]/form/table/tbody/tr[4]/td[2]")).getText();

// verify if total changes after changing the quantity

if(!(totalAfterRemoval.equals(totalAfterChangingQuantity))){

System.out.println("the total has changed after changing the quantity");

}

else{

System.out.println("the total has not changed after changing the quantity");

}

}

}

**Verifying page title:**

packagepractise;

importorg.openqa.selenium.WebDriver;

importorg.openqa.selenium.firefox.FirefoxDriver;

importorg.testng.Assert;

public class VerifyPageTitle {

public static void main(String[] args) {

// TODO Auto-generated method stub

// TODO Auto-generated method stub

System.setProperty("webdriver.gecko.driver", "F:\\Softwares\\selenium web drivers\\geckodriver.exe");

WebDriver driver = new FirefoxDriver();

driver.get("http://seleniumpractise.blogspot.in/2016/08/how-to-automate-radio-button-in.html");

String title = driver.getTitle();

System.out.println("The entered URL Title id : "+title);

Assert.assertTrue(title.contains("Selenium"));

}

}