

CC-1

1) CODE:

```
package com.selenium.csel;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.Assert;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CCQ1 {

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

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

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

        driver.manage().window().maximize();

        Thread.sleep(3000);

        JavascriptExecutor js=(JavascriptExecutor)driver;

        js.executeScript("window.scrollTo(0,1000)","");

        WebElement n=driver.findElement(By.id("user-name"));

        n.sendKeys("standard_user");

        WebElement pass=driver.findElement(By.id("password"));

        pass.sendKeys("secret_sauce");

    }

}
```

```
WebElement login=driver.findElement(By.id("login-button"));

login.submit();

WebElement cart=driver.findElement(By.id("add-to-cart-sauce-labs-
backpack"));

cart.click();

Thread.sleep(3000);

WebElement cart1=driver.findElement(By.className("shopping_cart_link"));

cart1.click();

WebElement checkout=driver.findElement(By.id("checkout"));

checkout.click();

Thread.sleep(3000);

WebElement fn=driver.findElement(By.id("first-name"));

fn.sendKeys("John");

WebElement ln=driver.findElement(By.id("last-name"));

ln.sendKeys("V");

WebElement pin=driver.findElement(By.id("postal-code"));

pin.sendKeys("638106");

WebElement Con=driver.findElement(By.id("continue"));

Con.submit();

WebElement name=driver.findElement(By.className("inventory_item_name"));

String t1=name.getText();

System.out.println(t1);

WebElement price=driver.findElement(By.className("inventory_item_price"));

String t2=price.getText();

System.out.println(t2);

Thread.sleep(3000);

String u1=driver.getCurrentUrl();

System.out.println(u1);
```

```
String u2="https://www.saucedemo.com/checkout-step-two.html";

Assert.assertEquals(u1, u2);

Thread.sleep(3000);

String u3=driver.getTitle();

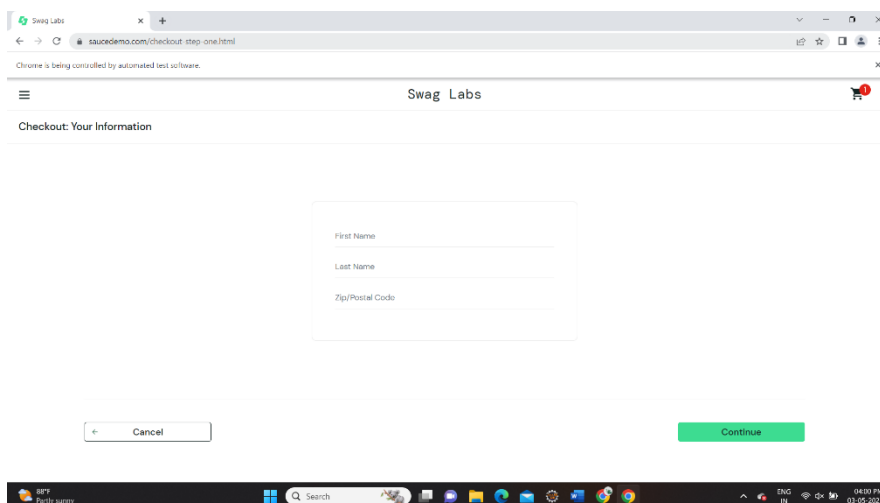
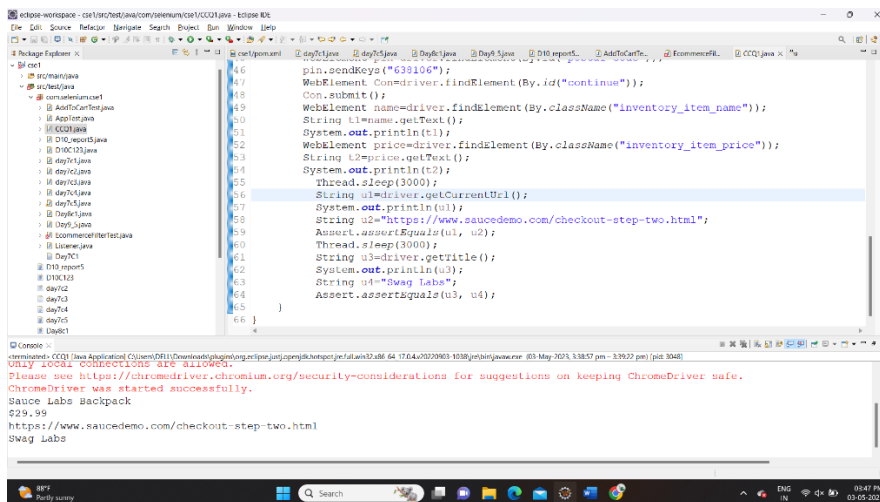
System.out.println(u3);

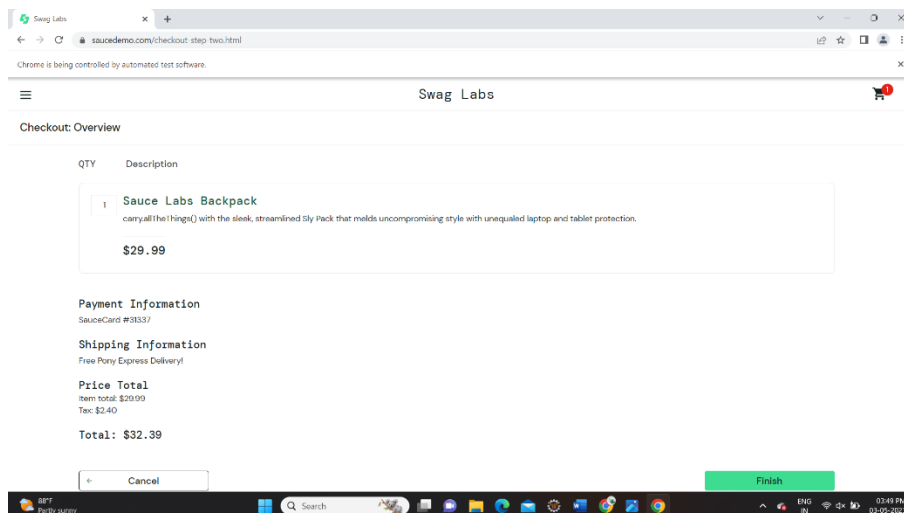
String u4="Swag Labs";

Assert.assertEquals(u3, u4);

}

}
```





2)

CODE:

```
package com.selenium.cse1;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class CC1Q2 {

    WebDriver driver;

    @Test

    public void f() throws Exception {

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);
```

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

driver.manage().window().maximize();

Thread.sleep(3000);

JavascriptExecutor js=(JavascriptExecutor)driver;

js.executeScript("window.scrollTo(0,1000)","");

Thread.sleep(3000);

driver.findElement(By.xpath("//*[@id=\"user-  
name\"]")).sendKeys("standard_user");

driver.findElement(By.xpath("//*[@id=\"password\"]")).sendKeys("secret_sauc  
e");

driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();

Thread.sleep(3000);

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select")).isEnabled();

System.out.println("A-Z:" +  
driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(  
));

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select")).click();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[2]")).click();

System.out.println("Z-A:" +  
driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText(  
));

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select")).click();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[3]")).isEnabled();

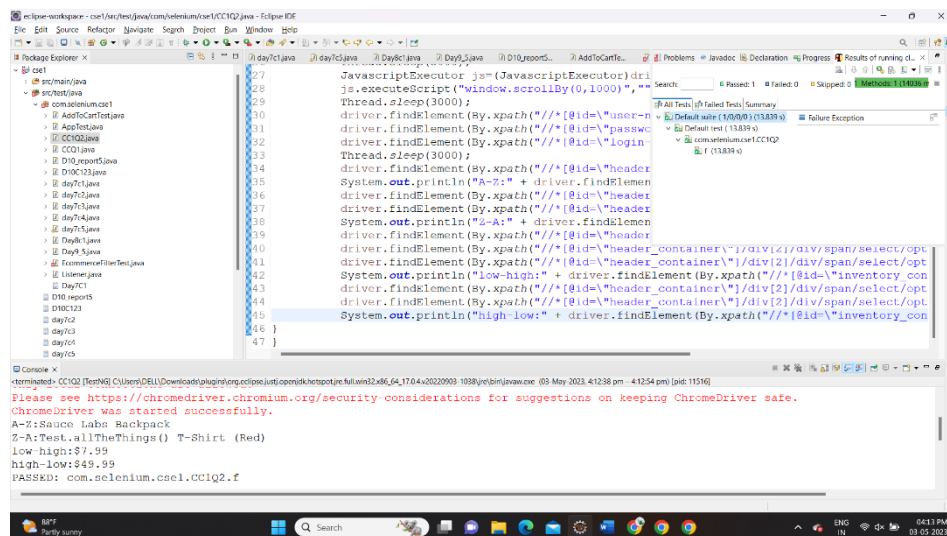
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[3]")).click();

System.out.println("low-high:" +  
driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/di  
v[2]/div[2]/div")).getText());

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[4]")).isEnabled();
```

```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[4]")).click();  
  
System.out.println("high-low:" +  
driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/di  
v[2]/div[2]/div")).getText());  
  
}  
  
}
```

#### OUTPUT:



The screenshot shows an IDE with a Selenium test file. The code includes imports for WebDriver, By, and WebDriverWait, followed by a main method that sets up a ChromeDriver, navigates to 'http://saucedemo.com', and performs a series of actions: clicking a menu item, selecting a product, and printing the price range. The console output shows the test execution details, including the URL, the product selected (T-Shirt), and the printed price range (low-high:\$7.99, high-low:\$49.99).

```
27 JavascriptExecutor js=(JavascriptExecutor)driver;  
28 js.executeScript("window.scrollTo(0,1000)");  
29 Thread.sleep(3000);  
30 driver.findElement(By.xpath("//*[@id=\"user-nav\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
31 driver.findElement(By.xpath("//*[@id=\"password-input\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
32 driver.findElement(By.xpath("//*[@id=\"login-button\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
33 Thread.sleep(3000);  
34 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
35 System.out.println("A-Z:" + driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).getText());  
36 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
37 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
38 System.out.println("Z-A:" + driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).getText());  
39 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
40 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
41 driver.findElement(By.xpath("//*[@id=\"header-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
42 System.out.println("low-high:" + driver.findElement(By.xpath("//*[@id=\"inventory-container\"]/div/div[1]/div/div[2]/div[2]/div")).getText());  
43 driver.findElement(By.xpath("//*[@id=\"inventory-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
44 driver.findElement(By.xpath("//*[@id=\"inventory-container\"]/div/div[1]/div/div[2]/div[2]/div")).click();  
45 System.out.println("high-low:" + driver.findElement(By.xpath("//*[@id=\"inventory-container\"]/div/div[1]/div/div[2]/div[2]/div")).getText());  
46 }  
47 }
```

ChromeDriver was started successfully.  
A-Z:Sauce Labs Backpack  
Z-A:Test.allTheThings() T-Shirt (Red)  
low-high:\$7.99  
high-low:\$49.99  
PASSWORD: com.selenium.csel.CC1Q2.f

