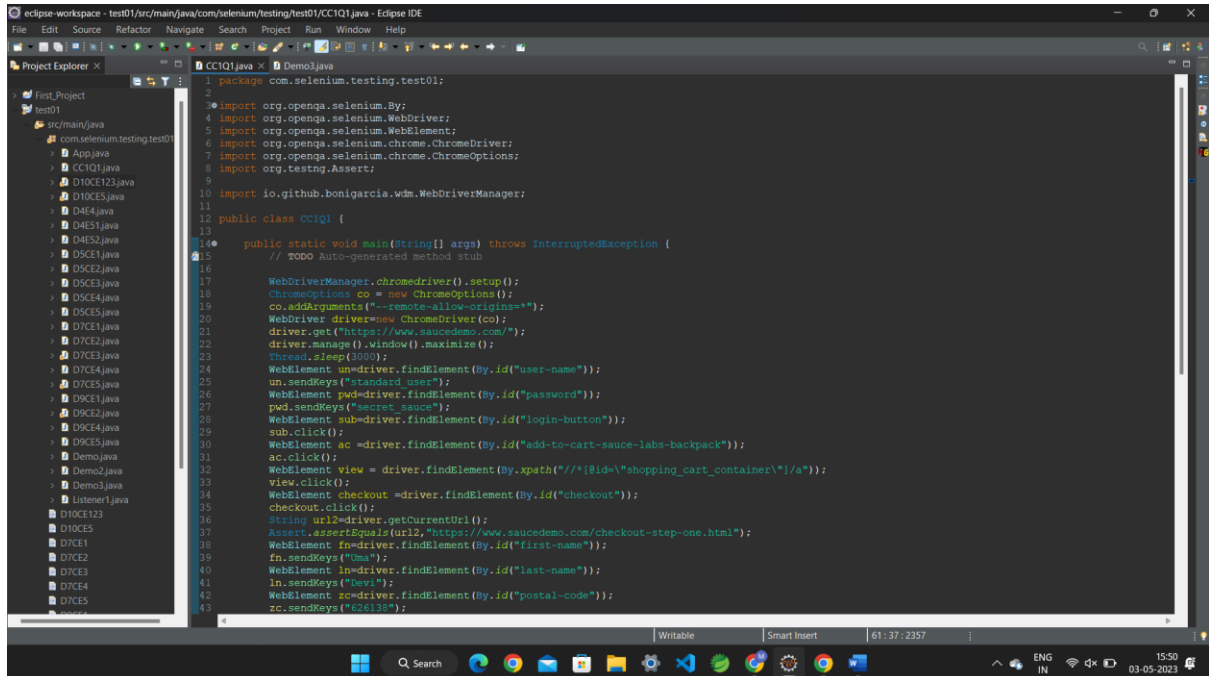


CC1 – Software testing using Selenium

1.



```
WebElement cont=driver.findElement(By.id("continue"));
cont.click();
WebElement pn= driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));
String p_name=pn.getText();
System.out.println(p_name);
WebElement price=driver.findElement(By.className("inventory_item_price"));
String p_price=price.getText();
System.out.println(p_price);
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 t1=driver.getTitle();
System.out.println(t1);
String t2="Swag Labs";
Assert.assertEquals(t1, t2);
```

CODING:

```
package com.selenium.testing.test01;
```

```
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.chrome.ChromeOptions;

import org.testng.Assert;


import io.github.bonigarcia.wdm.WebDriverManager;


public class CC1Q1 {

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

        // TODO Auto-generated method stub


        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);

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

        un.sendKeys("standard_user");

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

        pwd.sendKeys("secret_sauce");

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

        sub.click();

        WebElement ac =driver.findElement(By.id("add-to-cart-sauce-labs-

backpack"));

        ac.click();

        WebElement view =

driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a"));
```

```
view.click();

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

checkout.click();

String url2=driver.getCurrentUrl();

Assert.assertEquals(url2,"https://www.saucedemo.com/checkout-step-
one.html");

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

fn.sendKeys("Uma");

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

ln.sendKeys("Devi");

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

zc.sendKeys("626138");

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

cont.click();

WebElement pn=
driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));

String p_name=pn.getText();

System.out.println(p_name);

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

String p_price=price.getText();

System.out.println(p_price);

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 t1=driver.getTitle();

System.out.println(t1);
```

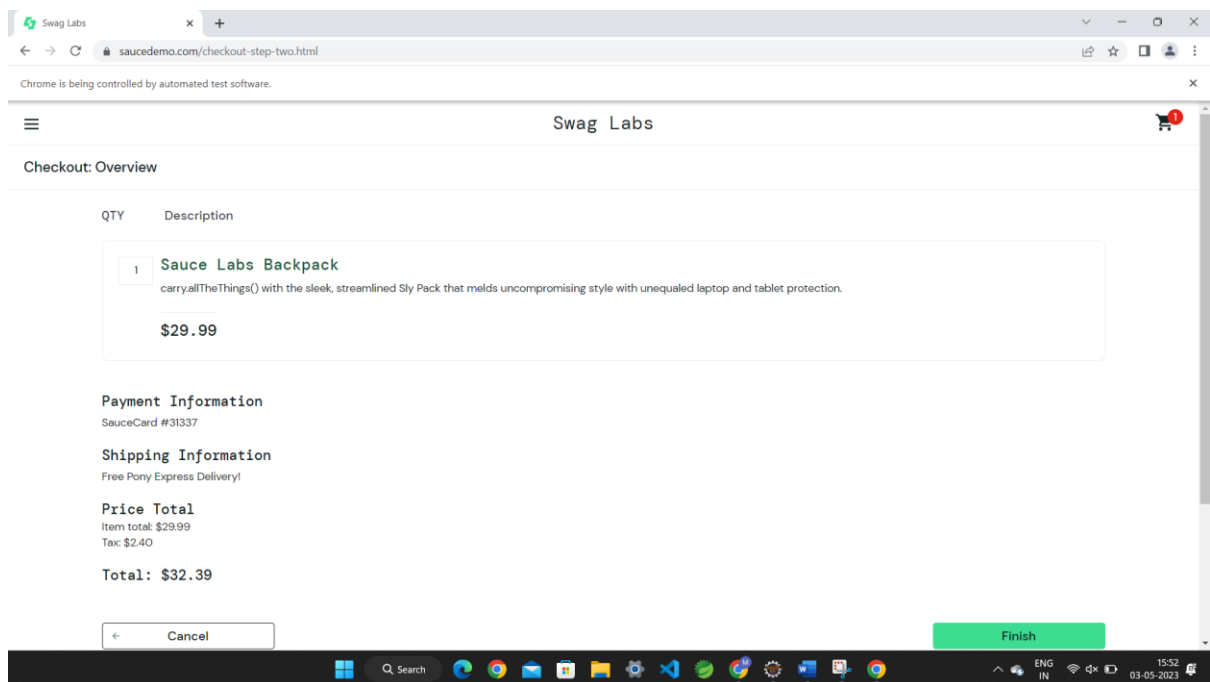
```
String t2="Swag Labs";

Assert.assertEquals(t1, t2);

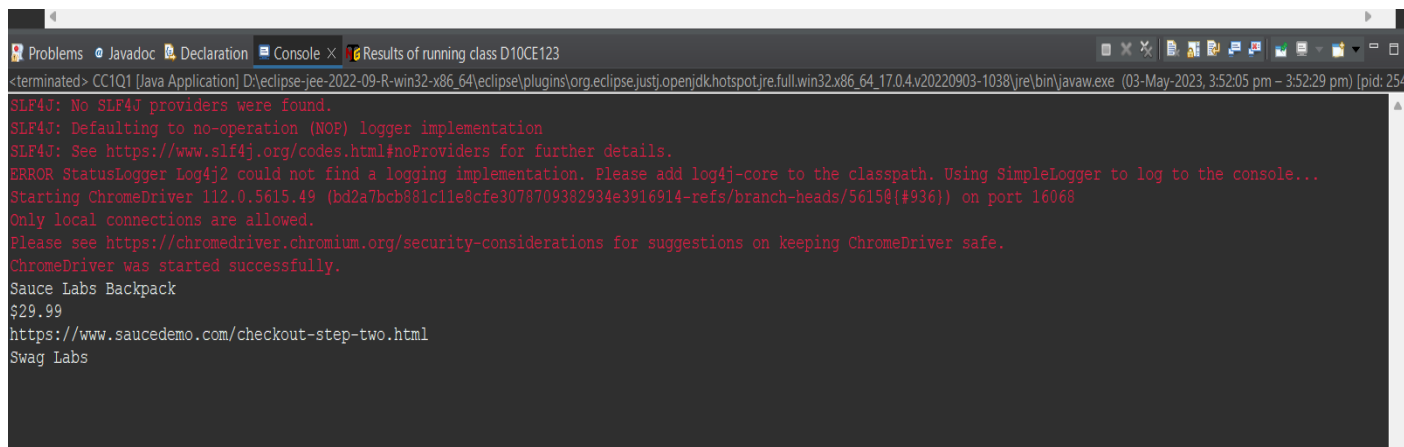
}

}
```

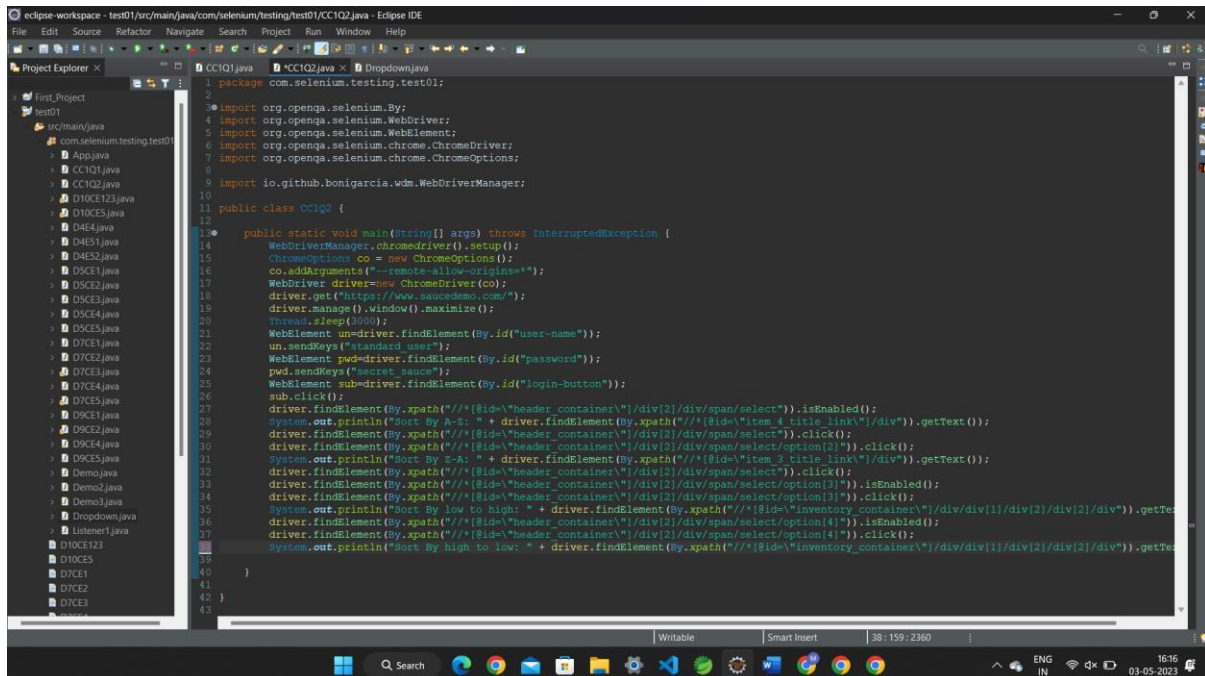
OUTPUT:



CONSOLE:



2.



CODING:

```
package com.selenium.testing.test01;
```

```
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.chrome.ChromeOptions;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class CC1Q2 {
```

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

```
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);  
WebElement un=driver.findElement(By.id("user-name"));  
un.sendKeys("standard_user");  
WebElement pwd=driver.findElement(By.id("password"));  
pwd.sendKeys("secret_sauce");  
WebElement sub=driver.findElement(By.id("login-button"));  
sub.click();
```

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

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

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

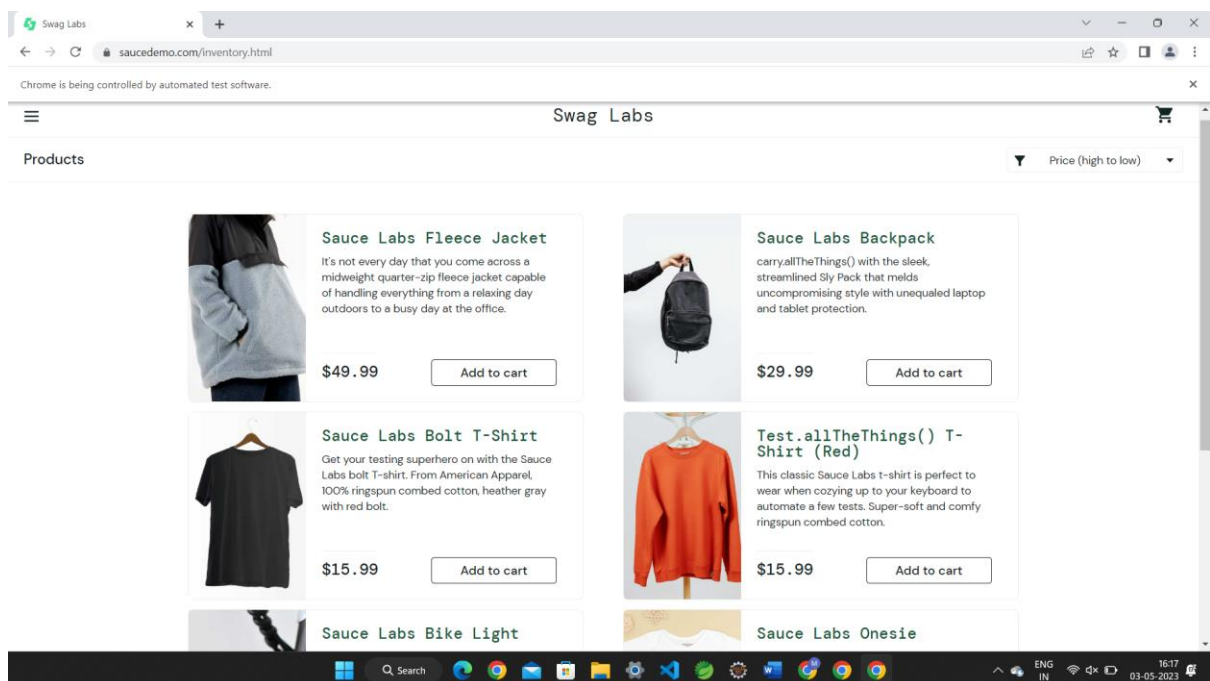
```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[4]")).click();
```

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

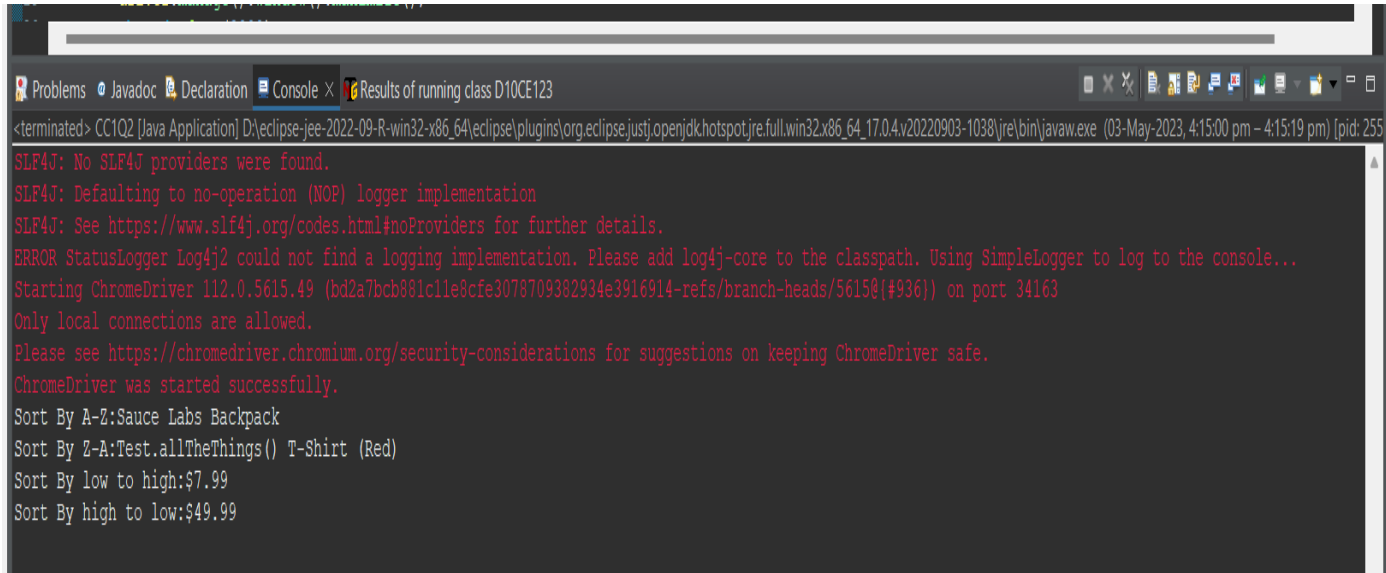
```
}
```

```
}
```

OUTPUT:



CONSOLE:



```
<terminated> CC1Q2 [Java Application] D:\eclipse-jee-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (03-May-2023, 4:15:00 pm - 4:15:19 pm) [pid: 255]
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to the console...
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 34163
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Sort By A-Z:Sauce Labs Backpack
Sort By Z-A:Test.allTheThings() T-Shirt (Red)
Sort By low to high:$7.99
Sort By high to low:$49.99
```