

CC1:

TASK 1:

CODE:

```
package cc1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class cc1ques1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup ();
        WebDriver driver=new ChromeDriver();
        driver.get ("https://www.saucedemo.com/");

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

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

        driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();
        String initial =
        driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();

        driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).click();
        String cart =
        driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
        if(cart.equals(initial)) {
            System.out.println("The product has been added successfully to
the cart");

        }
        else {
```

```
        System.out.println("oops!!... there is some error in adding your
product to cart");

    }
    String check_cart =
driver.findElement(By.xpath("//*[@id=\"continue-shopping\"]")).getText();
    System.out.println(check_cart);
    if(check_cart.equals("Continue Shopping")) {
        System.out.println("hey ! your cart is opened smoothly ");

    }
    else {
        System.out.println("oops");

    }
    driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();
    String checkout =
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText();
    if(checkout.equals("Checkout: Your Information")) {
        System.out.println("my information is displayed");

    }
    else {
        System.out.println("oops");

    }

driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("TharigaSri");
driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("p r");

driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("641008");
driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
String product_name =
driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
String product_price =
driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[1]/div[3]/div[2]/div
[2]/div")).getText();
    if(product_name.equals(cart)) {
        System.out.println("Entire product overview down below:");
        System.out.println("product Name "+product_name);
        System.out.println("product price "+product_price);

    }
    else {
        System.out.println(cart);

    }

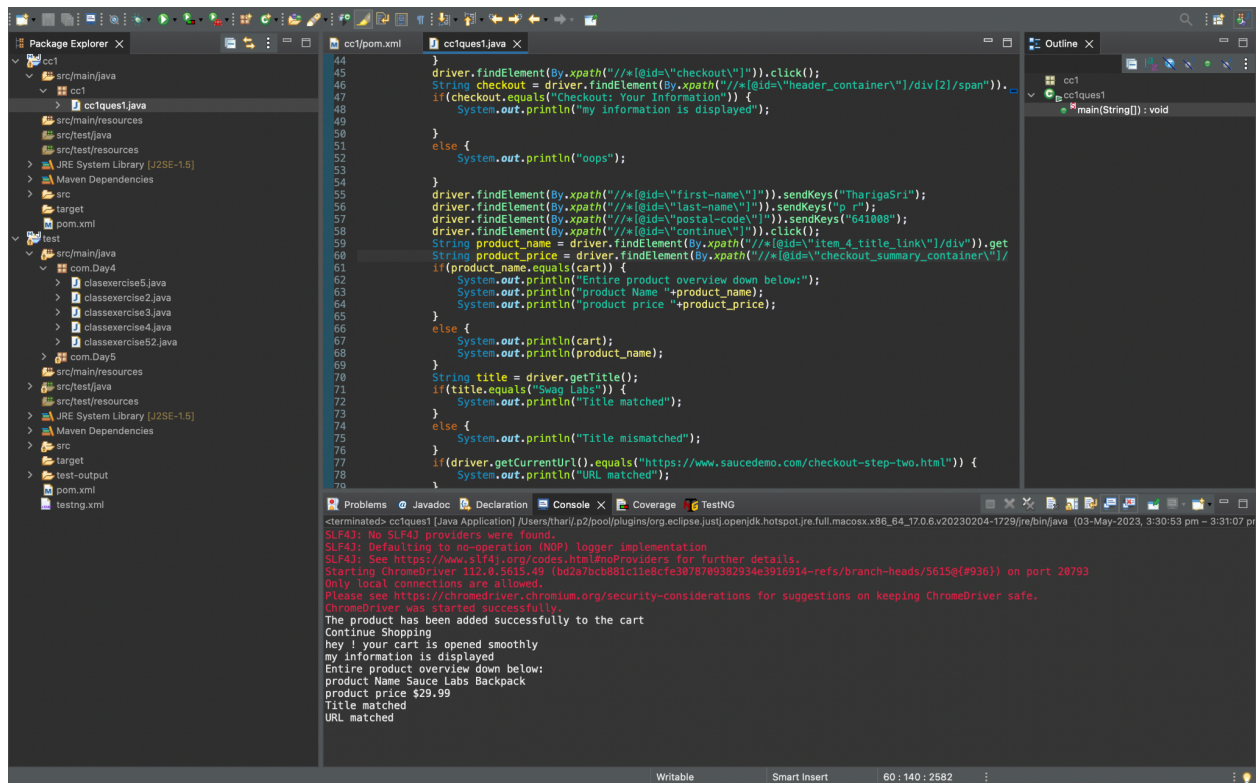
}
```

```
        System.out.println(product_name);
    }
    String title = driver.getTitle();
    if(title.equals("Swag Labs")) {
        System.out.println("Title matched");
    }
    else {
        System.out.println("Title mismatched");
    }
}

if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-two.html")) {
    System.out.println("URL matched");
}
else {
    System.out.println("url mismatched");
}

}
}
```

OUTPUT:

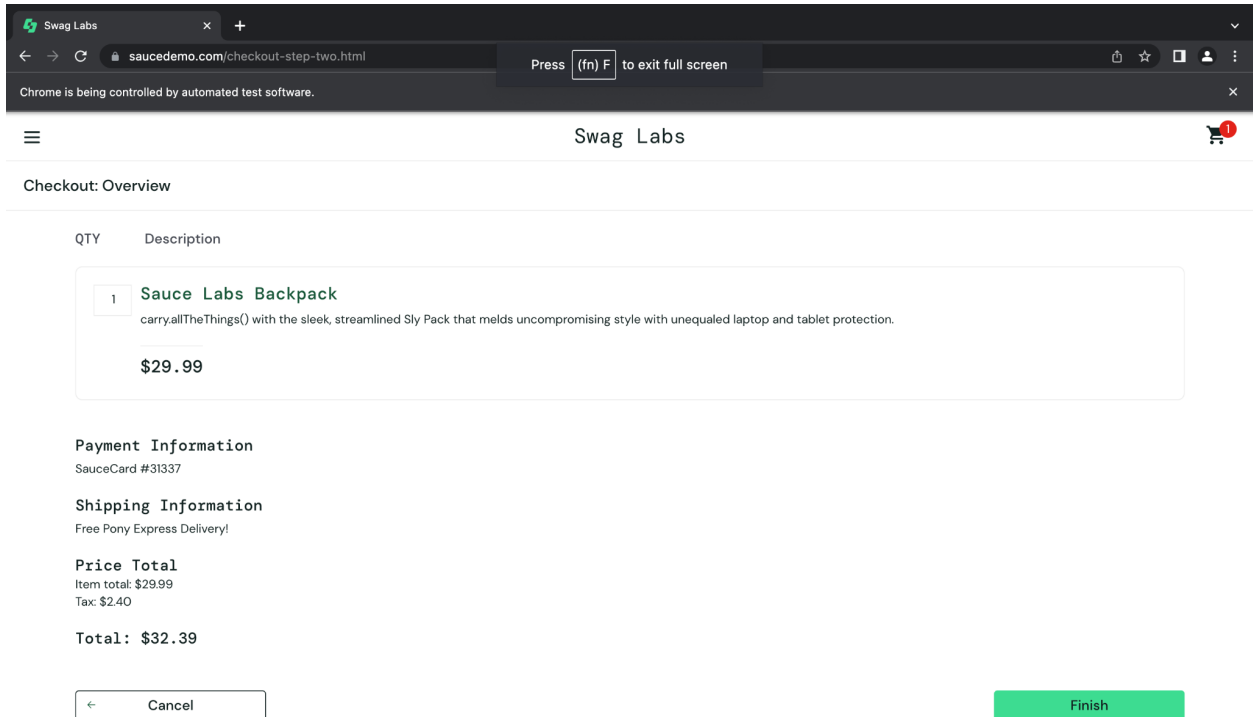


The screenshot shows an IDE with the following components:

- Package Explorer:** Shows a project named 'cc1' with a package 'cc1' containing 'cc1quest1.java'.
- Editor:** Displays the code for 'cc1quest1.java' with line numbers 44 to 79. The code is a Selenium script that interacts with a web application, checking the title and URL, and printing product details.
- Outline:** Shows the class 'cc1' and the method 'main(String[]): void'.
- Console:** Displays the output of the program, including log messages from Selenium and the application's output.

Console Output:

```
<terminated> cc1quest1 [Java Application] /Users/tharipr/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64.17.0.6.v20230204-1729/jre/bin/java (03-May-2023, 3:30:53 pm - 3:31:07 pm)
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.
Starting ChromeDriver 112.0.5615.49 (bd2e7bcb81c1e8cfe307809382834e3916914-refs/branch-heads/5615@{#936}) on port 20793
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
The product has been added successfully to the cart
Continue Shopping
hey ! your cart is opened smoothly
my information is displayed
Entire product overview down below:
product Name Sauce Labs Backpack
product price $29.99
Title matched
URL matched
```



TASK 2:

CODE:

```
package cc1;
```

```
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 cc1ques2 {
    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup ();
        WebDriver driver=new ChromeDriver(co);
        driver.get ("https://www.saucedemo.com/");
```

```
driver.manage().window().maximize() ;
WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"user-name\"]"));
txtBox1.sendKeys("standard_user");
WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"password\"]"));
txtBox2.sendKeys("secret_sauce");

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

String
txt1=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
System.out.println(txt1);

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();

String
txt2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText();
System.out.println(txt2);
System.out.println("filter (A-Z and Z-A) used smoothly");

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]")).click();

String
txt3=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/div[2]/div[2]/div")).getText();
System.out.println(txt3);

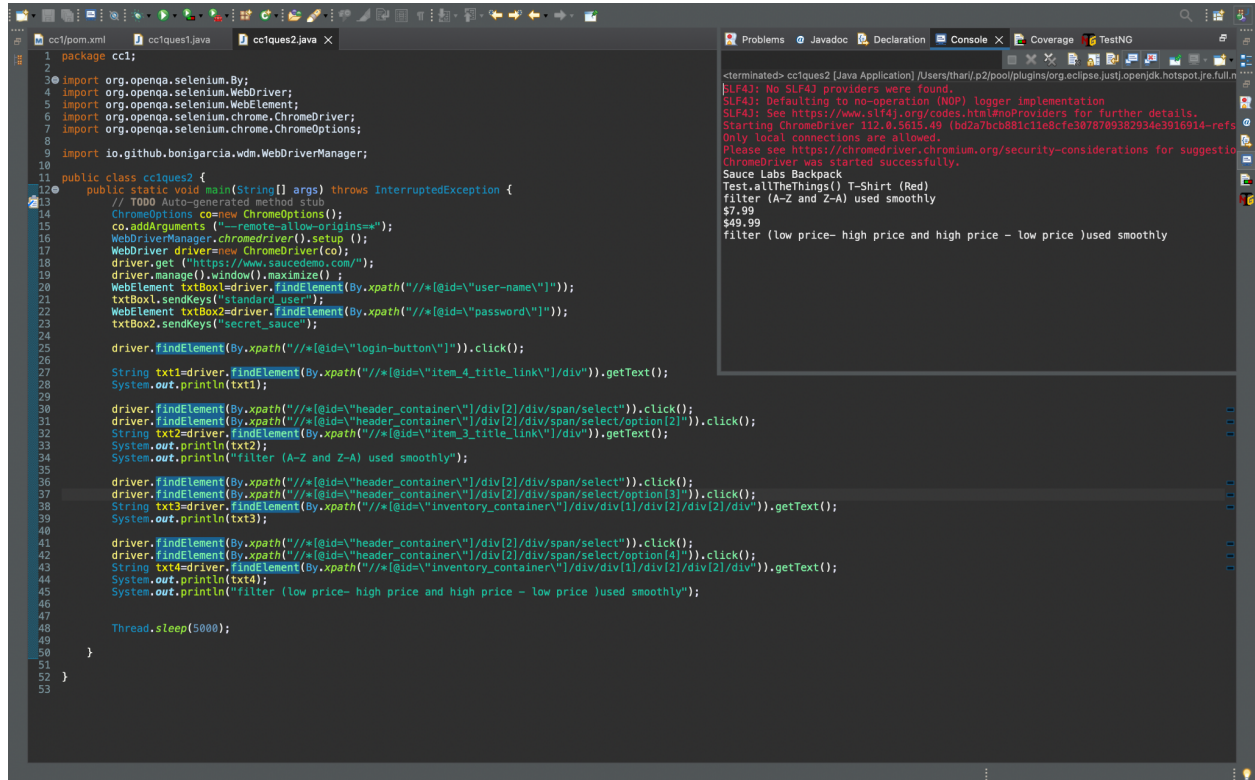
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click();

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

String
txt4=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/div[2]/div[2]/div")).getText();
System.out.println(txt4);
System.out.println("filter (low price- high price and high price - low price )used smoothly");
```

```
        Thread.sleep(5000);  
    }  
}
```

OUTPUT:



The screenshot displays an IDE with a Java file named `cc1ques2.java` and a console window. The Java code is a Selenium WebDriver script that automates a login process on a web application. It includes imports for Selenium classes, a `main` method that sets up the driver, and a series of `findElement` and `click` calls to interact with the web page. The script also includes `Thread.sleep(5000);` to pause execution. The console window shows the output of the script, including the URL of the application, the login button click, and the text of the selected items.

```
1 package cc1;  
2  
3 import org.openqa.selenium.By;  
4 import org.openqa.selenium.WebDriver;  
5 import org.openqa.selenium.WebElement;  
6 import org.openqa.selenium.chrome.ChromeDriver;  
7 import org.openqa.selenium.chrome.ChromeOptions;  
8  
9 import io.github.bonigarcia.wdm.WebDriverManager;  
10  
11 public class cc1ques2 {  
12     public static void main(String[] args) throws InterruptedException {  
13         // TODO Auto-generated method stub  
14         ChromeOptions co=new ChromeOptions();  
15         co.addArguments("--remote-allow-origins=*");  
16         WebDriverManager.chromedriver().setup();  
17         WebDriver driver=new ChromeDriver(co);  
18         driver.get("https://www.saucedemo.com/");  
19         driver.manage().window().maximize();  
20         WebElement txtBox1=driver.findElement(By.xpath("//*[@id='user-name']"));  
21         txtBox1.sendKeys("standard_user");  
22         WebElement txtBox2=driver.findElement(By.xpath("//*[@id='password']"));  
23         txtBox2.sendKeys("secret_sauce");  
24  
25         driver.findElement(By.xpath("//*[@id='login-button']")).click();  
26  
27         String txt1=driver.findElement(By.xpath("//*[@id='item_4_title_link']/div")).getText();  
28         System.out.println(txt1);  
29  
30         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select")).click();  
31         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select/option[2]")).click();  
32         String txt2=driver.findElement(By.xpath("//*[@id='item_3_title_link']/div")).getText();  
33         System.out.println(txt2);  
34         System.out.println("filter (A-Z and Z-A) used smoothly");  
35  
36         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select")).click();  
37         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select/option[3]")).click();  
38         String txt3=driver.findElement(By.xpath("//*[@id='inventory_container']/div/div[1]/div[2]/div/div")).getText();  
39         System.out.println(txt3);  
40  
41         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select")).click();  
42         driver.findElement(By.xpath("//*[@id='header_container']/div[2]/div/span/select/option[4]")).click();  
43         String txt4=driver.findElement(By.xpath("//*[@id='inventory_container']/div/div[1]/div[2]/div/div")).getText();  
44         System.out.println(txt4);  
45         System.out.println("filter (low price- high price and high price - low price )used smoothly");  
46  
47         Thread.sleep(5000);  
48     }  
49 }  
50  
51  
52  
53
```

Console Output:

```
<terminated> cc1ques2 [Java Application] /Users/thari/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.n  
[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.  
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709302934e3916014--refs  
Only local connections are allowed.  
Please see https://chromedriver.chromium.org/security-considerations for suggestio  
ChromeDriver was started successfully.  
Sauce Labs Backpack  
Test.allTheThings() T-Shirt (Red)  
filter (A-Z and Z-A) used smoothly  
$7.99  
$49.99  
filter (low price- high price and high price - low price )used smoothly
```

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