

CC 1

QUES 1:

Question 1 :

Adding a product to cart and checkout :

- Verify that user is able to add a product to the cart Add to cart
- Verify that user can view the contents in the cart
- Verify that once user clicks on checkout button "Your information" form should be displayed
- Verify that once user fills the form and clicks on continue button entire product overview should be displayed
- Print the name of the product and the price of the product
- Assert the title of the page is 'Swag Labs'
- Assert the URL of the page is 'https://www.saucedemo.com/checkout-step-two.html'

CODING :

```
package test1;

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 ques1 {

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

        d.manage().window().maximize();
        WebElement uname=d.findElement(By.xpath("//*[@id=\"user-name\"]"));
        uname.sendKeys("standard_user");
        WebElement pass=d.findElement(By.xpath("//*[@id=\"password\"]"));
        pass.sendKeys("secret_sauce");
        d.findElement(By.xpath("//*[@id=\"login-button\"]")).click();
        Thread.sleep(1000);
        d.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();
    }
}
```

```

String num=d.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a/
span")).getText();
    if(num.equals("1")) {
        System.out.println("Cart Added");
    }
    else {
        System.out.println("Not Added");
    }
    d.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).click();
    if(d.findElement(By.xpath("//*[@id=\"cart_contents_container\"]/div/div[1]/div[3]/
div[2]")).isEnabled()) {
        System.out.println("Contents Shown");
    }
    else {
        System.out.println("Not Shown");
    }
    d.findElement(By.xpath("//*[@id=\"checkout\"]")).click();
    String info=d.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/
span")).getText();
    String einfo="Checkout: Your Information";
    if(info.equals(einfo)) {
        System.out.println("Your Information Page is Shown");
    }
    else {
        System.out.println("Not Found");
    }
    WebElement fname=d.findElement(By.xpath("//*[@id=\"first-name\"]"));
    fname.sendKeys("UJJUAL");
    WebElement lname=d.findElement(By.xpath("//*[@id=\"last-name\"]"));
    lname.sendKeys("A");
    WebElement pin=d.findElement(By.xpath("//*[@id=\"postal-code\"]"));
    pin.sendKeys("635126");
    d.findElement(By.xpath("//*[@id=\"continue\"]")).click();
    String oview=d.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/
span")).getText();
    if(oview.equals("Checkout: Overview")) {
        System.out.println("Product Overview Showed");
    }
    else {
        System.out.println("Not Shown");
    }
    String pname=d.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
    System.out.println("Product Name: "+pname);
    String price=d.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/
div/div[1]/div[3]/div[2]/div[2]/div")).getText();
    System.out.println("Price: "+price);
    String title=d.getTitle();
    String eTitle="Swag Labs";
    if(eTitle.equals(title)) {
        System.out.println("Current Title is correct");
    }
    else {
        System.out.println("No Match");
    }
    String Curl=d.getCurrentUrl();
    if(Curl.equals("https://www.saucedemo.com/checkout-step-two.html")) {
        System.out.println("Current Url is Correct");
    }
    else {
        System.out.println("No Match");
    }

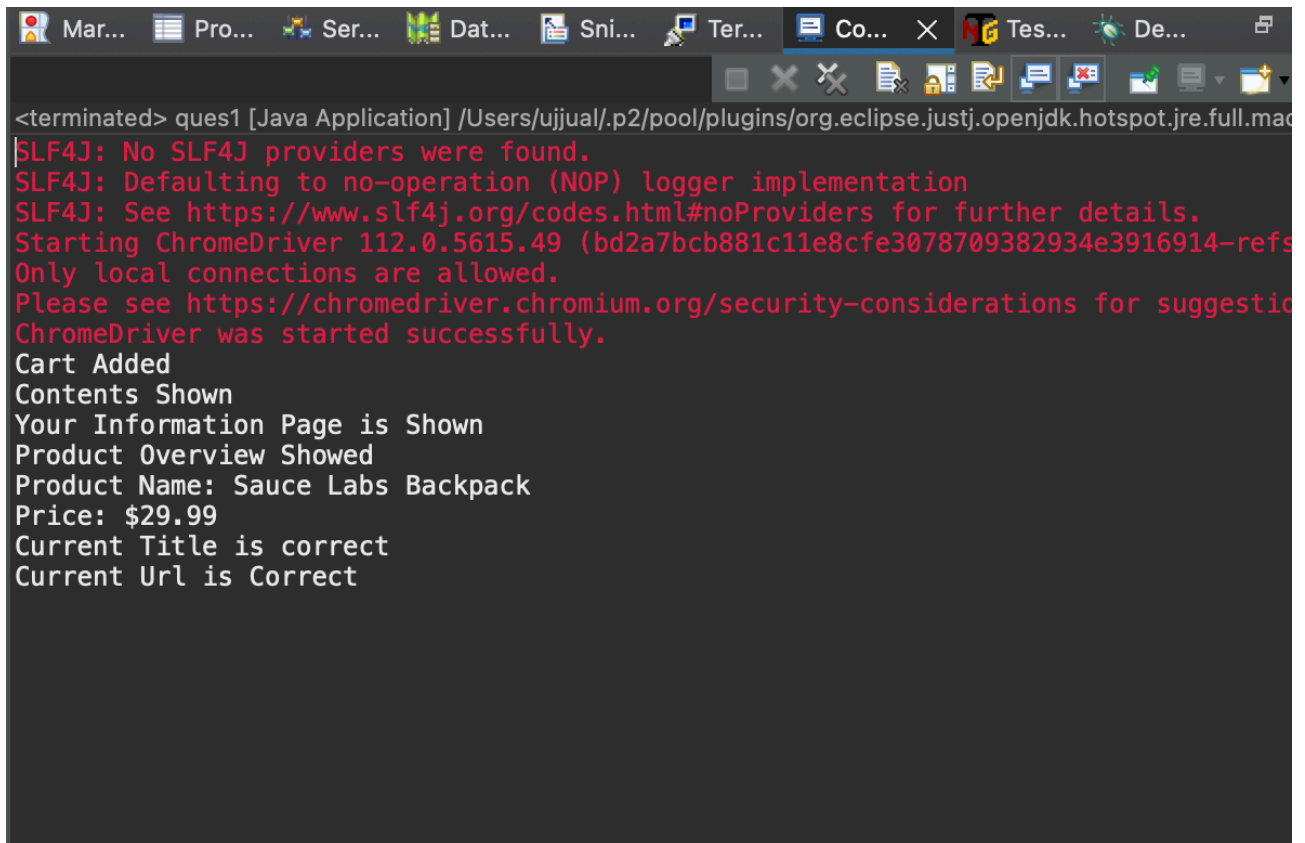
```

}

}

}

OUTPUT :



```
<terminated> ques1 [Java Application] /Users/ujjua/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.mad
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 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestio
ChromeDriver was started successfully.
Cart Added
Contents Shown
Your Information Page is Shown
Product Overview Showed
Product Name: Sauce Labs Backpack
Price: $29.99
Current Title is correct
Current Url is Correct
```

QUES 2:

QUESTION 2 :

Filter option :

- Verify that user is able to apply filter name wise from A-Z and Z-A
- Print the first product name while filtering from A-Z and print 1st product name while filtering from Z-A
- Verify the user is able to apply filter from low price to high price and high price to low price
- Print the 1st product price while filtering from high to low and print 1st product price while filtering from low to high

CODING :

```
package test1;

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.openqa.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ques2 {

    public static void main(String[] args) throws
    InterruptedException {
        // TODO Auto-generated method stub
        ChromeOptions co= new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver();
        WebDriver d =new ChromeDriver(co);
        d.get("https://www.saucedemo.com/inventory.html");
        d.manage().window().maximize();
        WebElement uname=d.findElement(By.xpath("//*[@id=\"user-
name\"]"));
        uname.sendKeys("standard_user");
```

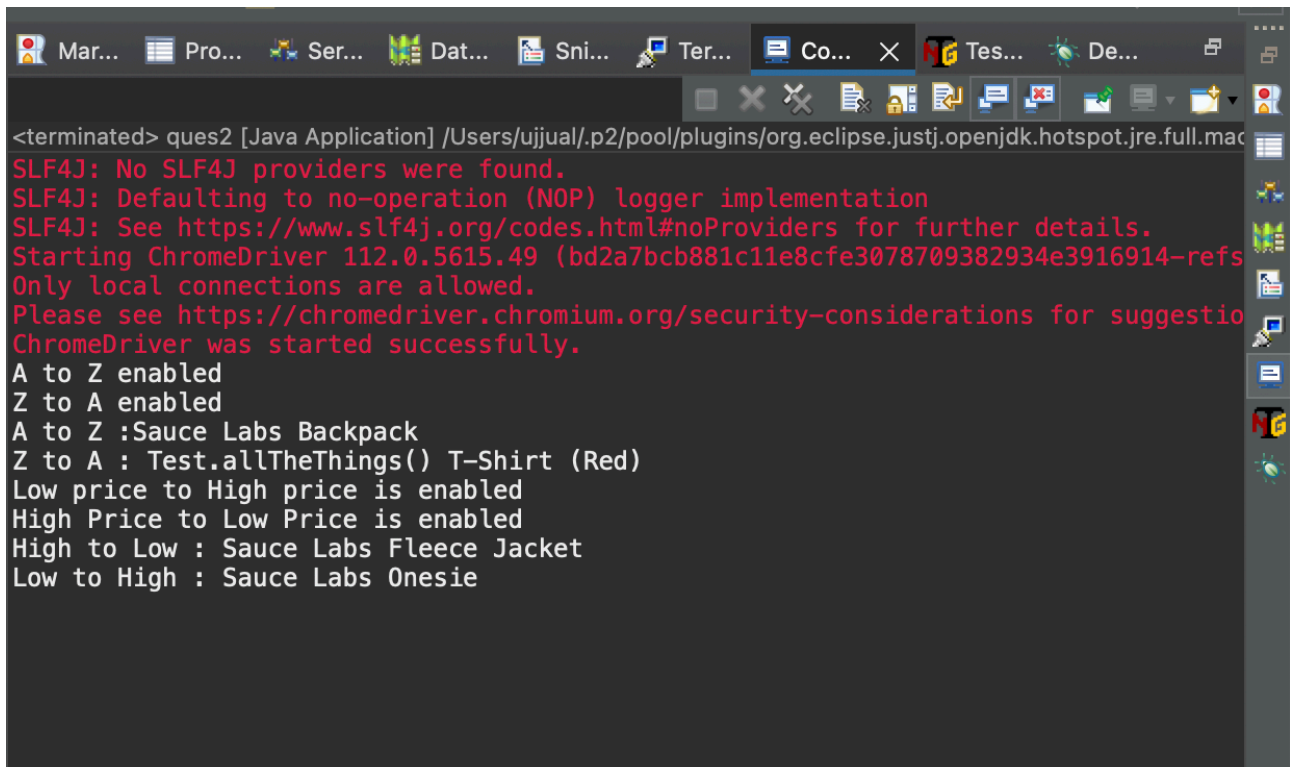
```

        WebElement pass=d.findElement(By.xpath("//
*[@id=\"password\"]"));
        pass.sendKeys("secret_sauce");
        d.findElement(By.xpath("//*[@id=\"login-
button\"]")).click();
        Thread.sleep(1000);
        d.findElement(By.xpath("//*[@id=\"header_container\"]/
div[2]/div/span/select")).click();
        if(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select/
option[1]")).isEnabled()) {
            System.out.println("A to Z enabled");
        }
        if(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select/
option[2]")).isEnabled()) {
            System.out.println("Z to A enabled");
        }
        String name=d.findElement(By.xpath("//
*[@id=\"item_4_title_link\"]/div")).getText();
        System.out.println("A to Z :"+name);
        Thread.sleep(1000);
        Select se=new Select(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select")));
        se.selectByIndex(1);
        System.out.println("Z to A :
"+d.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/
div")).getText());
        if(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select/
option[3]")).isEnabled()) {
            System.out.println("Low price to High price is
enabled");
        }
        if(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select/
option[4]")).isEnabled()) {
            System.out.println("High Price to Low Price is
enabled");
        }
        Select se2=new Select(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select")));
        se2.selectByIndex(3);
        System.out.println("High to Low :
"+d.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/
div")).getText());
        Select se1=new Select(d.findElement(By.xpath("//
*[@id=\"header_container\"]/div[2]/div/span/select")));
        se1.selectByIndex(2);

```

```
        System.out.println("Low to High :  
"+d.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div")).getText());  
  
    }  
  
}
```

OUTPUT :



```
<terminated> ques2 [Java Application] /Users/ujjua/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.m...  
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 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs...  
Only local connections are allowed.  
Please see https://chromedriver.chromium.org/security-considerations for suggestio...  
ChromeDriver was started successfully.  
A to Z enabled  
Z to A enabled  
A to Z :Sauce Labs Backpack  
Z to A : Test.allTheThings() T-Shirt (Red)  
Low price to High price is enabled  
High Price to Low Price is enabled  
High to Low : Sauce Labs Fleece Jacket  
Low to High : Sauce Labs Onesie
```