

```
package Testing_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.edge.EdgeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Testing_CC1 {

    public static void main(String[] args) {
        // Set the system property to use the edgeDriver
        WebDriver driver;
        WebDriverManager.edgedriver().setup();
        driver=new EdgeDriver();

        driver.get("https://www.saucedemo.com/checkout-step-one.html");

        // Enter the username and password
        WebElement username = driver.findElement(By.id("user-name"));
        username.sendKeys("standard_user");
        WebElement password = driver.findElement(By.id("password"));
        password.sendKeys("secret_sauce");
        password.submit();

        // Find a product and add it to the cart
        WebElement addToCartButton =
driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]"));
        addToCartButton.click();

        // Verify that the product is added to the cart
        WebElement cartIcon =
driver.findElement(By.className("shopping_cart_link"));
        cartIcon.click();
        //      WebElement cartItem =
driver.findElement(By.xpath("//div[@class='cart_item'][1]//div[@class='inventory_item_name']"));
        //      String cartItemName = cartItem.getText();
        //      System.out.println("Cart item name: " + cartItemName);

        // Proceed to checkout
        WebElement checkoutButton = driver.findElement(By.id("checkout"));
        checkoutButton.click();
        WebElement checkoutInfoTitle =
driver.findElement(By.className("title"));
        String checkoutInfoTitleText = checkoutInfoTitle.getText();
        if (checkoutInfoTitleText.equals("Checkout: Your Information")) {
            System.out.println("Checkout information form is displayed");
        } else {
            System.out.println("Checkout information form is not
displayed");
        }

        // Fill in the checkout information and continue
        WebElement firstNameField = driver.findElement(By.id("first-name"));
        firstNameField.sendKeys("Gowri");
    }
}
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        WebElement lastNameField = driver.findElement(By.id("last-name"));
        lastNameField.sendKeys("Shankar");
        WebElement postalCodeField = driver.findElement(By.id("postal-
code"));
        postalCodeField.sendKeys("636404");
        WebElement continueButton =
driver.findElement(By.xpath("//input[@type='submit']"));
        continueButton.click();

        // Verify that the product overview is displayed
        WebElement productOverviewTitle =
driver.findElement(By.className("title"));
        String productOverviewTitleText = productOverviewTitle.getText();
        if (productOverviewTitleText.equals("Checkout: Overview")) {
            System.out.println("Product overview is displayed");
        } else {
            System.out.println("Product overview is not displayed");
        }

        WebElement productName =
driver.findElement(By.className("inventory_item_name"));
        String productNametext = productName.getText();
        System.out.println("Product name: " + productNametext);
        WebElement productPrice =
driver.findElement(By.xpath("//div[@class='inventory_item_price']"));
        String productPriceText = productPrice.getText();
        System.out.println("Product price: " + productPriceText);

        // Assert the title and URL of the page
        String expectedTitle = "Swag Labs";
        String expectedUrl = "https://www.saucedemo.com/checkout-step-
two.html";
        String actualTitle = driver.getTitle();
        String actualUrl = driver.getCurrentUrl();
        if (actualTitle.equals(expectedTitle)) {
            System.out.println("Title assertion passed");
        } else {
            System.out.println("Title assertion failed");
        }
        if (actualUrl.equals(expectedUrl)) {
            System.out.println("URL assertion passed");
        } else {
            System.out.println("URL assertion failed");
        }

        // Close the browser
        driver.quit();
    }
}
```

```
package Testing_CC1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;

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

```
public class Testing_CC1_q2 {

    public static void main(String[] args) throws Exception {
        WebDriverManager.edgedriver().setup();
        WebDriver driver=new EdgeDriver();
        driver.manage().window().maximize();
        Thread.sleep(3000);
        driver.get("https://www.saucedemo.com/");
        WebElement fn=driver.findElement(By.name("user-name"));
        WebElement ln=driver.findElement(By.name("password"));
        fn.sendKeys("standard_user");
        ln.sendKeys("secret_sauce");
        Thread.sleep(3000);
        driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/
        select/option[1]")).click();
        Thread.sleep(3000);
        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();
        Thread.sleep(3000);
        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[1]")).click();
        WebElement
        k=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));
        System.out.println("Product Name from A-Z: "+k.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();
        WebElement
        t=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div"));
        System.out.println("Product Name from Z-A: "+t.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]")).click();
        Thread.sleep(3000);
        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();
        Thread.sleep(3000);
        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();
        WebElement
        r=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div"));
        System.out.println("Product Price from lower-higher: "+r.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[4]")).click();
        WebElement
        e=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div"));
        System.out.println("Product Price from higher-lower: "+e.getText());
    }
}
```

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GOWRI SHANKAR S

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}  
}
```

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53 }  
54  
Problems Javadoc Declaration Console × TestNG Debug  
<terminated> Testing_CC1_q2 [Java Application] C:\Users\s.gowri shankar\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.4.10  
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge W  
  
Microsoft Edge WebDriver was started successfully.  
Product Name from A-Z: Sauce Labs Backpack  
Product Name from Z-A: Test.allTheThings() T-Shirt (Red)  
Product Price from lower-higher: Sauce Labs Onesie  
Product Price from higher-lower: Sauce Labs Fleece Jacket  
|
```

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Testing_CC1.java ×  
62 WebElement productOverviewTitle = driver.findElement(By.className("title"));  
63 String productOverviewTitleText = productOverviewTitle.getText();  
64 if (productOverviewTitleText.equals("Checkout: Overview")) {  
65     System.out.println("Product overview is displayed");  
66 } else {  
67     System.out.println("Product overview is not displayed");  
68 }  
69  
70 WebElement productName = driver.findElement(By.className("inventory_item_name"));  
71 String productNametext = productName.getText();  
72 System.out.println("Product name: " + productNametext);  
73 WebElement productPrice = driver.findElement(By.xpath("//div[@class='inventory_item_price']"));  
74 String productPriceText = productPrice.getText();  
75 System.out.println("Product price: " + productPriceText);  
76  
77 // Assert the title and URL of the page  
78 String expectedTitle = "Swag Labs";  
79 String expectedUrl = "https://www.saucedemo.com/checkout-step-two.html";  
80 String actualTitle = driver.getTitle();  
81 String actualUrl = driver.getCurrentUrl();  
82 if (actualTitle.equals(expectedTitle)) {  
83     System.out.println("Title assertion passed");  
84 } else {  
85     System.out.println("Title assertion failed");  
86 }  
87 if (actualUrl.equals(expectedUrl)) {  
88     System.out.println("URL assertion passed");  
89 } else {  
90     System.out.println("URL assertion failed");  
91 }  
92  
93 // Close the browser  
94 driver.quit();  
95 }  
  
Problems Javadoc Declaration Console × TestNG Debug  
<terminated> Testing_CC1 [Java Application] C:\Users\s.gowri shankar\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.4.101-hotspot\bin\javaw.exe (03)  
Microsoft Edge WebDriver was started successfully.  
Cart item name: Sauce Labs Backpack  
Checkout information form is displayed  
Product overview is displayed  
Product name: Sauce Labs Backpack  
Product price: $29.99  
Title assertion passed  
URL assertion passed
```