CC-1

1)

```java
package com.selenium.Cse1;
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 CC1 {
public static void main(String[] args) throws Exception {
WebDriver driver;
WebDriverManager.edgedriver().setup();
driver=new EdgeDriver();
driver.get("https://www.saucedemo.com/checkout-step-
one.html");
driver.manage().window().maximize();
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();
WebElement addToCartButton =
driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-
backpack\"]"));
addToCartButton.click();
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")) {
```

```java
        System.out.println("Checkout information form is
displayed");
        } else {
            System.out.println("Checkout information form is
not displayed");
        }




        WebElement firstNameField =
driver.findElement(By.id("first-name"));
        firstNameField.sendKeys("Nithish");
        WebElement lastNameField =
driver.findElement(By.id("last-name"));
        lastNameField.sendKeys("Kumar");
        WebElement postalCodeField =
driver.findElement(By.id("postal-code"));
        postalCodeField.sendKeys("1100010");
        WebElement continueButton =
driver.findElement(By.xpath("//input[@type='submit']"));
        continueButton.click();
        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 productPrice =
driver.findElement(By.xpath("//div[@class='inventory_item_pric
e']"));
        String productPriceText = productPrice.getText();
        System.out.println("Product price: " +
productPriceText);
        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");
```

```java
        }
        if (actualUrl.equals(expectedUrl)) {
            System.out.println("URL assertion passed");
        } else {
            System.out.println("URL assertion failed");
        }
        Thread.sleep(3000);
        driver.quit();
    }
 }
```

OUT PUT:

2)
```java
package com.selenium.Cse1;
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 CC1Q2 {
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();
```

```java
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());
}
}
```

OUT PUT:

```
To submit feedback, report a bug, or suggest new features, please visit https://github.com/MicrosoftEdge/EdgeWebDriver

Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

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
```