**QUESTION 1:**

**CODE:**

**package** sample2.example2;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.Keys;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.edge.EdgeDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.Test;

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

**public** **class** cc1q1 {

@Test

**public** **void** main() {

WebDriverManager.*chromedriver*().setup();

WebDriver driver=**new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.saucedemo.com/");

driver.findElement(By.*xpath*("//\*[@id=\"user-name\"]")).sendKeys("standard\_user",Keys.***ENTER***);

driver.findElement(By.*xpath*("//\*[@id=\"password\"]")).sendKeys("secret\_sauce",Keys.***ENTER***);

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

//Login

btn.click();

WebElement btn2=driver.findElement(By.*xpath*("//\*[@id=\"add-to-cart-sauce-labs-backpack\"]"));

//Add to cart

btn2.click();

WebElement btn3=driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a"));

//Click on cart

btn3.click();

//Check whether item added to cart

Assert.*assertEquals*("//\*[@id=\"inventory\_item\_container\"]/div/div/div[2]/div[1]","//\*[@id=\"inventory\_item\_container\"]/div/div/div[2]/div[1]");

WebElement btn4=driver.findElement(By.*xpath*("//\*[@id=\"checkout\"]"));

//CLICK ON CHECKOUT

btn4.click();

//Enter values of firstname,lastname,postal code

driver.findElement(By.*xpath*("//\*[@id=\"first-name\"]")).sendKeys("ABC",Keys.***ENTER***);

driver.findElement(By.*xpath*("//\*[@id=\"last-name\"]")).sendKeys("DEF",Keys.***ENTER***);

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("234",Keys.***ENTER***);

WebElement btn5=driver.findElement(By.*xpath*("//\*[@id=\"continue\"]"));

//Click on continue

btn5.click();

//Print itemname,and price

System.***out***.println(driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")));

System.***out***.println(driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")));

//Check the title

Assert.*assertEquals*("Swag Labs", driver.getTitle());

//Check the given url

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

}

}

**OUTPUT:**



**QUESTION 2:**

**CODE:**

**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** NewTest4 {

**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/");

Thread.*sleep*(2000);

driver.manage().window().maximize();

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

name.sendKeys("standard\_user");

Thread.*sleep*(2000);

WebElement pwd=driver.findElement(By.*xpath*("//\*[@id=\"password\"]"));

pwd.sendKeys("secret\_sauce");

Thread.*sleep*(2000);

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

btn.click();

Thread.*sleep*(2000);

WebElement c1=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

c1.click();

Thread.*sleep*(2000);

WebElement c2=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[1]"));

c2.click();

Thread.*sleep*(2000);

String e1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

System.***out***.println("A to Z Order's 1st Product Title: "+e1);

WebElement c3=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]"));

c3.click();

Thread.*sleep*(2000);

String e2=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();

System.***out***.println("Z to A Order's 1st Product Title: "+e2);

Thread.*sleep*(1000);

WebElement c4=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]"));

c4.click();

Thread.*sleep*(2000);

String e3=driver.findElement(By.*xpath*("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();

System.***out***.println("Low to High Order's 1st Product Title: "+e3);

WebElement c5=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]"));

c5.click();

Thread.*sleep*(2000);

String e4=driver.findElement(By.*xpath*("//\*[@id=\"item\_5\_title\_link\"]/div")).getText();

System.***out***.println("High to Low Order's 1st Product Title: "+e4);

Thread.*sleep*(1000);

}

}

**OUTPUT:**

