CC1

1.)

CODE:

package question;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.edge.EdgeOptions;

import org.testng.Assert;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Q1 {

public static void main(String[] args) throws InterruptedException {

WebDriverManager.edgedriver().setup();

EdgeOptions co = new EdgeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriver driver = new EdgeDriver(co);

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

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

Thread.sleep(1000);

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

Thread.sleep(1000);

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

Thread.sleep(1000);

driver.findElement(By.id("login-button")).click();

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

Thread.sleep(1000);

WebElement w = driver.findElement(By.xpath("//\*[@id=\"remove-sauce-labs-backpack\"]"));

Thread.sleep(1000);

String s1 = w.getText();

Assert.assertEquals("Remove",s1);

System.out.println("Asserted add to cart");

Thread.sleep(1000);

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

Thread.sleep(1000);

driver.findElement(By.id("checkout")).click();

Thread.sleep(1000);

String s2 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/span")).getText();

if(s2.contains("Your Information"))

System.out.println("Your Information is present");

driver.findElement(By.id("first-name")).sendKeys("q");

driver.findElement(By.id("last-name")).sendKeys("q");

driver.findElement(By.id("postal-code")).sendKeys("q");

driver.findElement(By.id("continue")).click();

String s3 = driver.getCurrentUrl();

Assert.assertEquals("https://www.saucedemo.com/checkout-step-two.html",s3);

List<WebElement> arr1 = driver.findElements(By.className("inventory\_item\_name"));

List<WebElement> arr2 = driver.findElements(By.className("inventory\_item\_price"));

int a=0;

for(WebElement i:arr1)

{

WebElement j = arr2.get(a++);

System.out.println(i.getText()+" - "+j.getText());

}

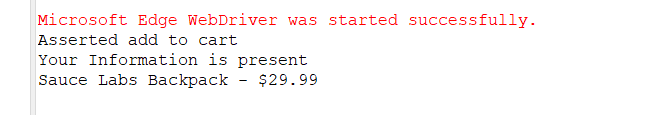
Assert.assertEquals(driver.getTitle(),"Swag Labs");

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

}

}

OUTPUT:



2.)

CODE:

**package** question;

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

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

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

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

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

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

**public** **class** Q2 {

**public** **static** **void** main(String[] args) **throws** InterruptedException {

WebDriverManager.*edgedriver*().setup ();

EdgeOptions co=**new** EdgeOptions();

co.addArguments ("--remote-allow-origins=\*");

WebDriver driver=**new** EdgeDriver(co);

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

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

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

u.sendKeys("standard\_user");

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

p.sendKeys("secret\_sauce");

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

System.***out***.println("A-Z:");

String [t1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText](mailto:t1=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText)();

System.***out***.println("1: "+t1);

System.***out***.println();

System.***out***.println("Z-A:");

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

String [t2=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div")).getText](mailto:t2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText)();

System.***out***.println("2: "+t2);

System.***out***.println();

System.***out***.println("Low to high:");

System.***out***.println();

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

String [t3=driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[6]/div[2]/div[2]/div")).getText](mailto:t3=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[6]/div[2]/div[2]/div")).getText)();

System.***out***.println("3: "+t3);

System.***out***.println();

System.***out***.println("1st Product price and product :");

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

String [t4=driver.findElement(By.*xpath*("//\*[@id=\"item\_5\_title\_link\"]/div")).getText](mailto:t4=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div")).getText)();

System.***out***.println("4: "+t4);

String [t41=driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[1]/div[2]/div[2]/div")).getText](mailto:t41=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/div[2]/div[2]/div")).getText)();

System.***out***.println("5: "+t41);

}

}

OUTPUT:

