

1.CODE

```
package com.example.demo.testng;

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 question1 {

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

        WebDriver driver;

        // TODO Auto-generated method stub

        WebDriverManager.edgedriver().setup();

        driver = new EdgeDriver();

        //Get the url

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

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

        WebElement user = driver.findElement(By.id("user-name"));

        user.sendKeys("standard_user");
```

```
Thread.sleep(2500);
```

```
WebElement pass = driver.findElement(By.id("password"));
```

```
pass.sendKeys("secret_sauce");
```

```
WebElement login = driver.findElement(By.id("login-button"));
```

```
login.click();
```

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

```
String cartCount =  
driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a/span")).getText();
```

```
driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a")).click();
```

```
String product = "Sauce Labs Backpack";
```

```
Thread.sleep(2500);
```

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

```
driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("ABCD");
```

```
Thread.sleep(2500);
```

```
driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("X");
```

```
Thread.sleep(2500);
```

```
driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("12345");
```

```
Thread.sleep(2500);
```

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

```

        System.out.println("Name of the product: " +
driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText());

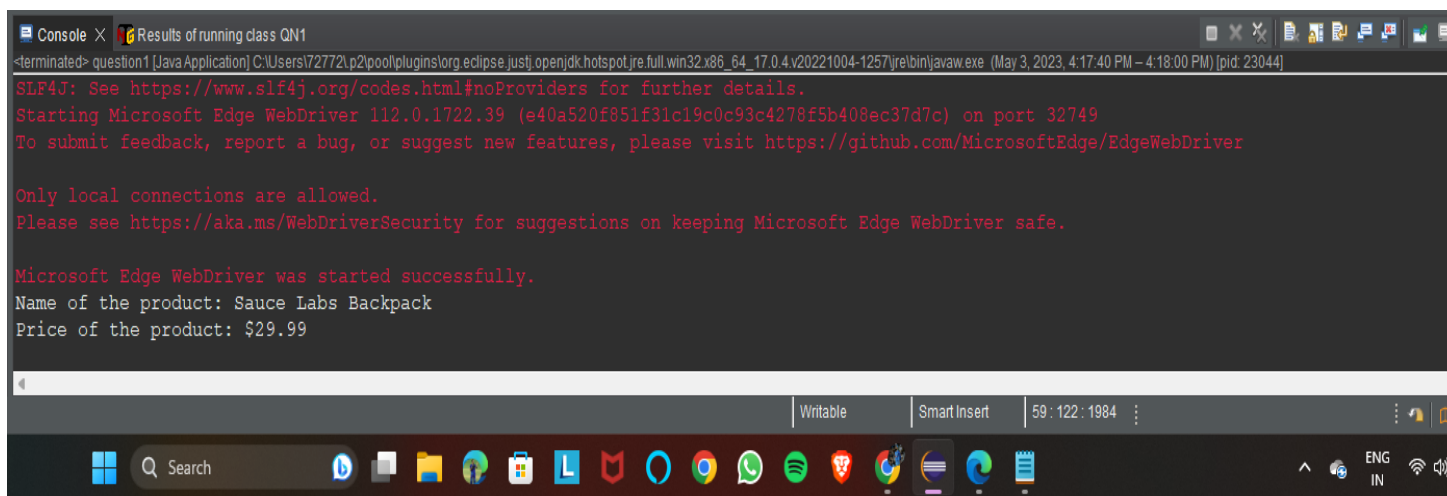
        System.out.println("Price of the product: " +
driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/div[2]/div")).getText
());

    }

}

```

CONSOLE:



2.Code

```

package com.example.demo.testng;

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.edge.EdgeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class q2 {

    public static void main(String[] args) throws
InterruptedException {
        // TODO Auto-generated method stub
        WebDriver driver;
        // TODO Auto-generated method stub
        WebDriverManager.edgedriver().setup();
        driver = new EdgeDriver();

        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);

    }
}

```

CONSOLE:

Console X Results of running class QN1
<terminated> q2 [Java Application] C:\Users\727721\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (May 3, 2023, 4:28:51 PM - 4:29:28 PM) [pid: 26044]
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.
A to Z Order's 1st Product Title: Sauce Labs Backpack
Z to A Order's 1st Product Title: Test.allTheThings() T-Shirt (Red)
Low to High Order's 1st Product Title: Sauce Labs Onesie
High to Low Order's 1st Product Title: Sauce Labs Fleece Jacket

