

CC1- SOFTWARE TESTING

1)

CODE:

```
package com.selenium.testing.test1;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.testng.Assert;
import io.github.bonigarcia.wdm.WebDriverManager;
public class CC1 {

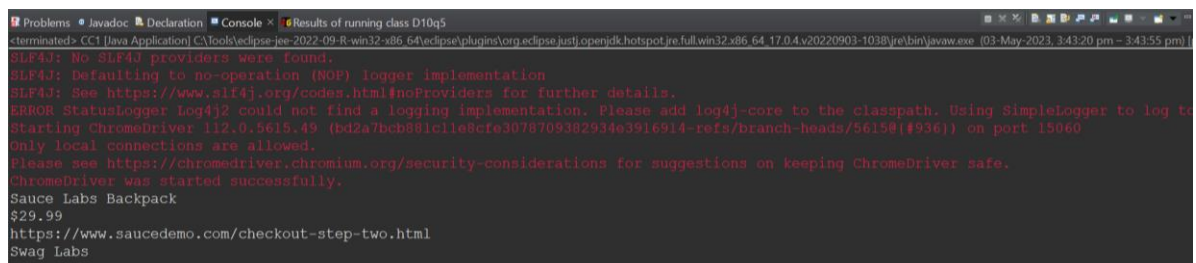
    public static void main(String[] args) throws Exception {
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);

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

        Thread.sleep(3000);
        JavascriptExecutor js=(JavascriptExecutor)driver;
        js.executeScript("window.scrollTo(0,1000)","");
        WebElement n=driver.findElement(By.id("user-name"));
        n.sendKeys("standard_user");
        WebElement
pass=driver.findElement(By.id("password"));
        pass.sendKeys("secret_sauce");
        WebElement login=driver.findElement(By.id("login-
button"));
        login.submit();
        WebElement cart=driver.findElement(By.id("add-to-
cart-sauce-labs-backpack"));
        cart.click();
        Thread.sleep(3000);
        WebElement
cart1=driver.findElement(By.className("shopping_cart_link"));
        cart1.click();
        WebElement
checkout=driver.findElement(By.id("checkout"));
        checkout.click();
        Thread.sleep(3000);
    }
}
```

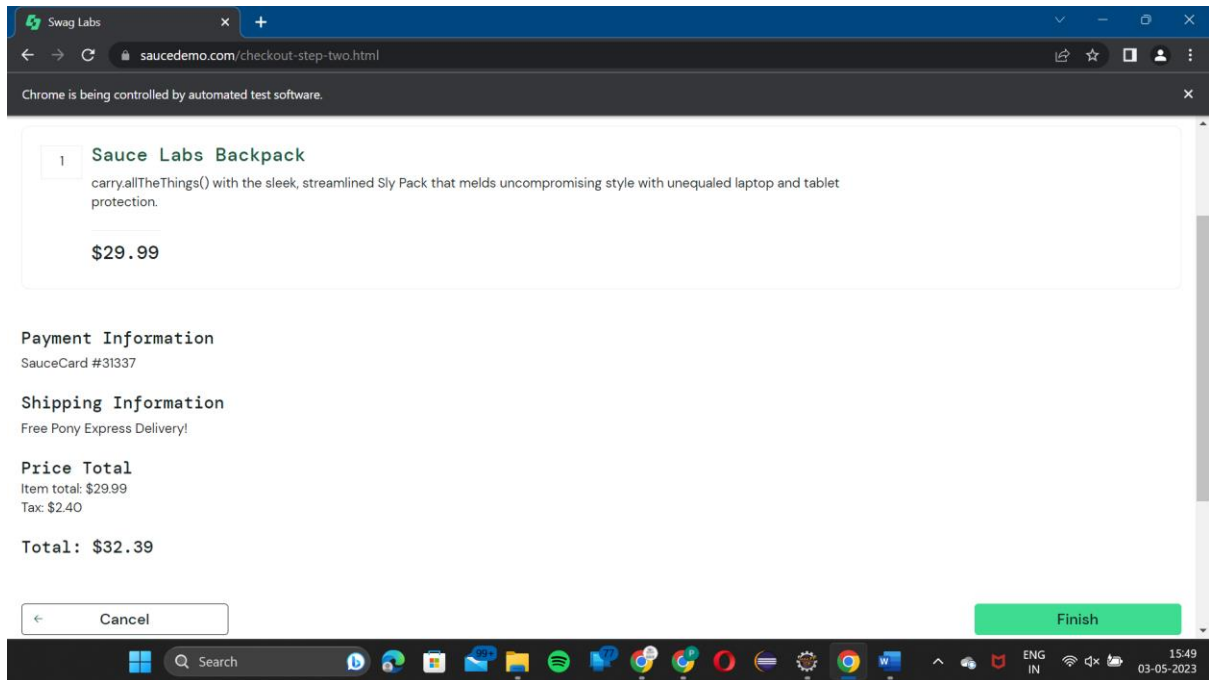
```
WebElement fn=driver.findElement(By.id("first-  
name"));  
fn.sendKeys("John");  
WebElement ln=driver.findElement(By.id("last-  
name"));  
ln.sendKeys("V");  
WebElement pin=driver.findElement(By.id("postal-  
code"));  
pin.sendKeys("638106");  
WebElement  
Con=driver.findElement(By.id("continue"));  
Con.submit();  
WebElement  
name=driver.findElement(By.className("inventory_item_name"));  
String t1=name.getText();  
System.out.println(t1);  
WebElement  
price=driver.findElement(By.className("inventory_item_price"))  
;  
String t2=price.getText();  
System.out.println(t2);  
Thread.sleep(3000);  
String u1=driver.getCurrentUrl();  
System.out.println(u1);  
String u2="https://www.saucedemo.com/checkout-  
step-two.html";  
Assert.assertEquals(u1, u2);  
Thread.sleep(3000);  
String u3=driver.getTitle();  
System.out.println(u3);  
String u4="Swag Labs";  
Assert.assertEquals(u3, u4);  
}  
}
```

CONSOLE:



```
Problems Javadoc Declaration Console x Results of running class D10q5  
<terminated> CC1 [Java Application] C:\Tools\ eclipse-jee-2022-09-R-win32-x86_64\ eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe [03-May-2023, 3:43:20 pm - 3:43:55 pm]  
SLF4J: No SLF4J providers were found.  
SLF4J: Defaulting to no-operation (NOP) logger implementation  
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.  
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to  
Starting WebDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709302934e3916914-refs/branch-heads/56158[#936]) on port 15060  
Only local connections are allowed.  
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping WebDriver safe.  
WebDriver was started successfully.  
Sauce Labs Backpack  
$29.99  
https://www.saucedemo.com/checkout-step-two.html  
Swag Labs
```

OUTPUT:



2) CODE:

```
package com.selenium.testing.test1;
import org.testng.annotations.Test;
import io.github.bonigarcia.wdm.WebDriverManager;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class CC2 {
    WebDriver driver;
    @Test
    public void f() throws Exception {
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);

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

```
        driver.manage().window().maximize();
        Thread.sleep(3000);
        JavascriptExecutor js=(JavascriptExecutor)driver;
        js.executeScript("window.scrollTo(0,1000)","");
        Thread.sleep(3000);
        driver.findElement(By.xpath("//*[@id=\"user-
name\"]")).sendKeys("standard_user");

        driver.findElement(By.xpath("//*[@id=\"password\"]")).sendKeys
("secret_sauce");
        driver.findElement(By.xpath("//*[@id=\"login-
button\"]")).click();
        Thread.sleep(3000);

        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div
[2]/div/span/select")).isEnabled();
        System.out.println("A-Z:" +
        driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/di
v")).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();
        System.out.println("Z-A:" +
        driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/di
v")).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]")).isEnabled();

        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div
[2]/div/span/select/option[3]")).click();
        System.out.println("Z-A:" +
        driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/
div/div[1]/div[2]/div[2]/div")).getText());

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

        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div
[2]/div/span/select/option[4]")).click();
        System.out.println("Z-A:" +
        driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/
div/div[1]/div[2]/div[2]/div")).getText());
    }
}
```

CONSOLE:

```
Problems Javadoc Declaration Console Results of running class CC2
terminated> CC2 [TestNG] C:\Tools\ eclipse-ee-2022-09-R-win32-x86_64\ eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1030\jre\bin\java.exe (03-May-2023, 4:09:19 pm - 4:09:45 pm) [pid: 1]
[RemoteTestNG] detected TestNG version 7.4.0
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 47353
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
A-Z:Sauce Labs Backpack
Z-A:Test.allTheThings() T-Shirt (Red)
Z-A:$7.99
Z-A:$49.99
PASSED: f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

OUTPUT:

