

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 {

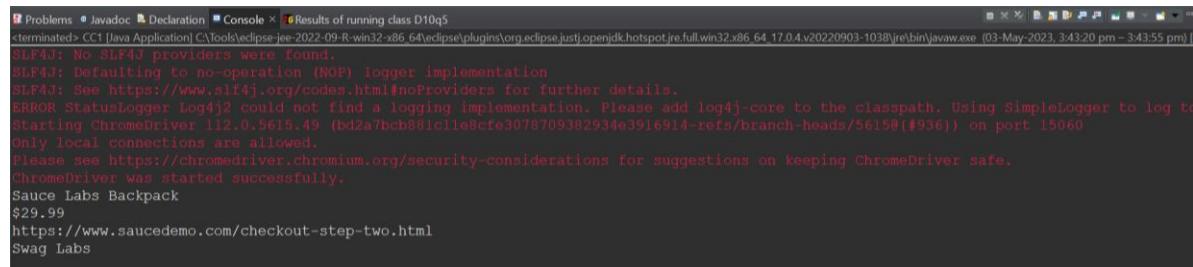
    public static void main(String[] args) throws Exception {
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);

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

        Thread.sleep(3000);
        JavascriptExecutor js=(JavascriptExecutor)driver;
        js.executeScript("window.scrollBy(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);
}
}
```

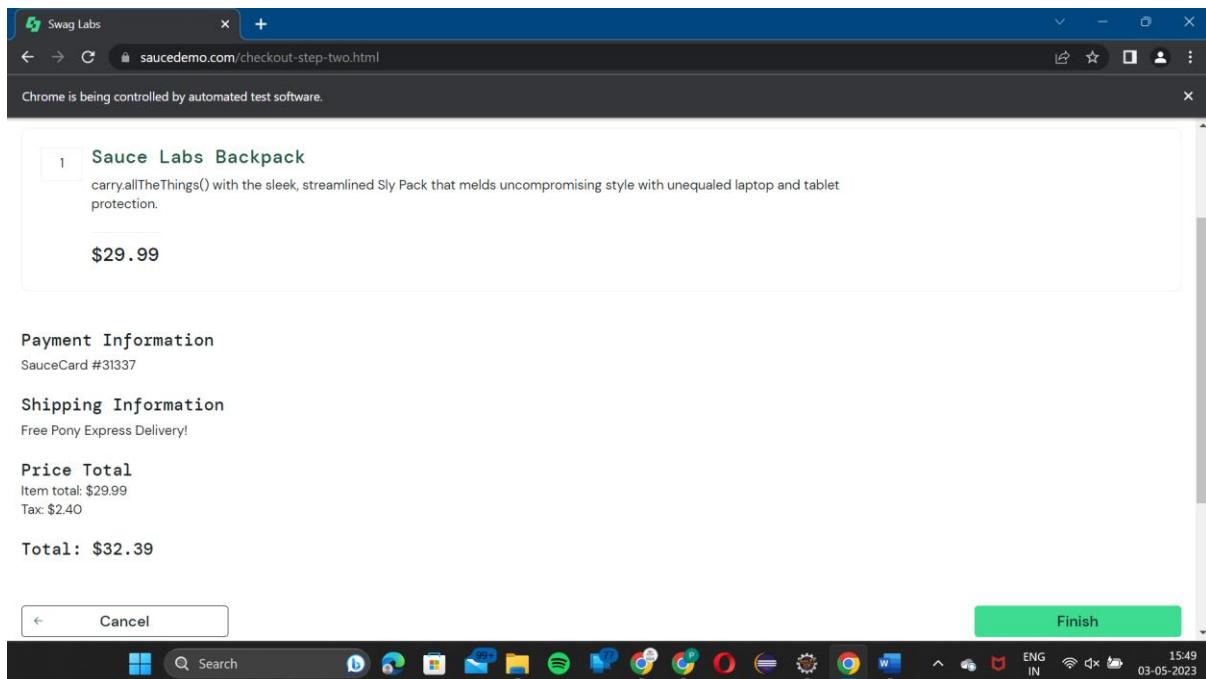
CONSOLE:



The screenshot shows the Eclipse IDE interface with the 'Console' tab selected. The output window displays the following log entries:

```
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 ChromeDriver 112.0.5615.49 (bd2a7bc881c1e80cfce3078709382934e3916914-refs/branch-heads/5615@(#936)) on port 15060
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver 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.scrollBy(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\ejbipse-jee-2022-09-R-win32-x86_64\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.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 (bd2a7bcb881c11e8cf3078709382934e3916914-refs/branch-heads/56150(#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:

