

CC1 PROJECTS

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QUESTION 1:

```
package com.test.test;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;
import io.github.bonigarcia.wdm.WebDriverManager;

public class App {

    public static void main( String[] args ) throws InterruptedException
    {
        WebDriverManager.firefoxdriver().setup();
        WebDriver driver = new FirefoxDriver();
        driver.manage().window().maximize();
        driver.navigate().to("https://www.saucedemo.com/");
        driver.manage().window().maximize();
        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();
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();
    }
}
```

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

if (cartNum.equals("1")) {

    System.out.println("Added to cart successfully");

}

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

String prodStr = "Sauce Labs Backpack";

if(driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]
/div[2]/a/div")).getText().equals(prodStr));

{

    System.out.println("User can view the contents of the cart");

}

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

if(driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[2]/span")).ge
tText().equals("Checkout: Your Information")) {

    System.out.println("Your information form is displayed");

}

driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("Rishikesh");
driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("S");
driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("641008");
driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();

if(driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[2]/span")).ge
tText().equals("Checkout: Overview")) {

    System.out.println("Product overview page is displayed");

}

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

if(driver.getTitle().equals("Swag Labs")) {

    System.out.println("Title is matched");
}

if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-two.html")) {

    System.out.println("URL is matched");
}

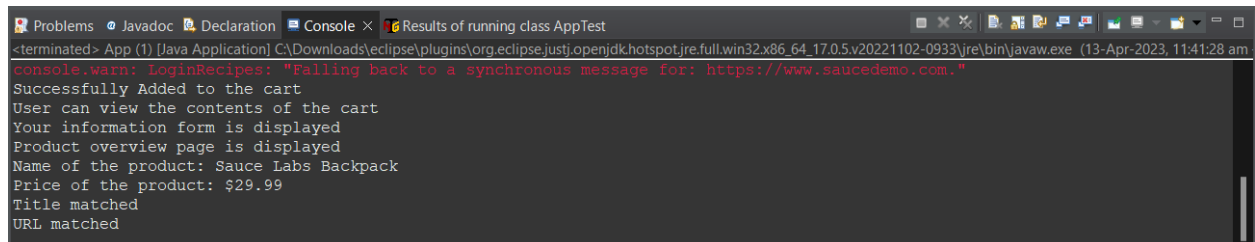
}

}

}

```

OUTPUT:



The screenshot shows the Eclipse IDE's console window. The title bar indicates the window is titled 'Results of running class AppTest'. The console output shows a series of messages from a Selenium test: 'console.warn: LoginRecipes: "Falling back to a synchronous message for: https://www.saucedemo.com."' (in red), followed by 'Successfully Added to the cart', 'User can view the contents of the cart', 'Your information form is displayed', 'Product overview page is displayed', 'Name of the product: Sauce Labs Backpack', 'Price of the product: \$29.99', 'Title matched', and 'URL matched'.

```

<terminated> App (1) [Java Application] C:\Downloads\eclipse\plugins\org.eclipse.justi.openjdk hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\javaw.exe (13-Apr-2023, 11:41:28 am)
console.warn: LoginRecipes: "Falling back to a synchronous message for: https://www.saucedemo.com."
Successfully Added to the cart
User can view the contents of the cart
Your information form is displayed
Product overview page is displayed
Name of the product: Sauce Labs Backpack
Price of the product: $29.99
Title matched
URL matched

```

QUESTION 2:

```

package com.test.test;

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 App {

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

        // TODO Auto-generated method stub

        ChromeOptions co=new ChromeOptions();

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

        WebDriverManager.chromedriver().setup ();

        WebDriver driver=new ChromeDriver(co);

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

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

        WebElement
txtBox1=driver.findElement(By.xpath("//*[@id=\"user-name\"]"));

        txtBox1.sendKeys("standard_user");

        WebElement
txtBox2=driver.findElement(By.xpath("//*[@id=\"password\"]"));

        txtBox2.sendKeys("secret_sauce");


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


        String
txt1=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText
();

        System.out.println(txt1);


        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/sele
ct")).click();


        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/sele
ct/option[2]")).click();


        String
txt2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText
();

    }
```

```
        System.out.println(txt2);

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();

        String
txt3=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div")).getText();

        System.out.println(txt3);

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();

        String
txt4=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div")).getText();

        System.out.println(txt4);

        Thread.sleep(5000);

    }
}
```

OUTPUT:



Sauce Labs Fleece Jacket

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart



Sauce Labs Backpack

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.

\$29.99

Add to cart



Sauce Labs Bolt T-Shirt

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart



Test.allTheThings() T-Shirt (Red)

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart

```
<terminated> App (5) [Java Application] /snap/eclipse/66/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_17.0.5.v20221102-0933/jre/bin/java (13-Apr-2023, 12:05:29 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.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@(#936)) on port 16608
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 13, 2023 12:05:34 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Sauce Labs Backpack
Test.allTheThings() T-Shirt (Red)
Sauce Labs Onesie
Sauce Labs Fleece Jacket
```