**CODING CONTEST 01:**

**QUESTION 01:**

**CODING:**

**package** cc1;

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

**import** org.openqa.selenium.Keys;

**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** codingcontest1 {

**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();

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

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

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

username.sendKeys("standard\_user");

Thread.*sleep*(2000);

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

password.sendKeys("secret\_sauce");

Thread.*sleep*(2000);

WebElement login\_btn=driver.findElement(By.*id*("login-button"));

login\_btn.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

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

cart.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

WebElement cart2=driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a"));

cart2.click();

Thread.*sleep*(1000);

WebElement checkout=driver.findElement(By.*id*("checkout"));

checkout.click();

Thread.*sleep*(1000);

WebElement firstname=driver.findElement(By.*id*("first-name"));

firstname.click();

firstname.sendKeys("Taran");

Thread.*sleep*(1000);

WebElement lastname=driver.findElement(By.*id*("last-name"));

lastname.click();

lastname.sendKeys("V");

Thread.*sleep*(1000);

WebElement postalcode=driver.findElement(By.*id*("postal-code"));

postalcode.click();

postalcode.sendKeys("641653");

Thread.*sleep*(1000);

WebElement cont=driver.findElement(By.*id*("continue"));

cont.click();

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

**if**(oview.equals("Checkout: Overview")) {

System.***out***.println("Product Overview Showed");

}

**else** {

System.***out***.println("Not Shown");

}

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

System.***out***.println("Product Name: "+pname);

String price=driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();

System.***out***.println("Price: "+price);

String title=driver.getTitle();

String eTitle="Swag Labs";

**if**(eTitle.equals(title)) {

System.***out***.println("Current Title is correct");

}

**else** {

System.***out***.println("No Match");

}

String Curl=driver.getCurrentUrl();

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

System.***out***.println("Current Url is Correct");

}

**else** {

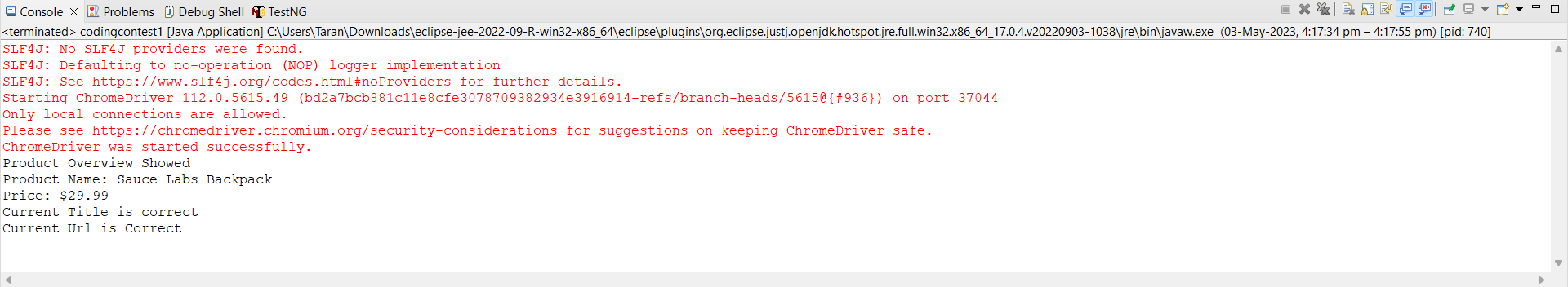
System.***out***.println("No Match");

}

}

}

**OUTPUT:**

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**QUESTION 02:**

**CODING:**

**package com.test.cc1;**

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

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

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.chrome.ChromeOptions;**

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

**public class question\_2 {**

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

**ChromeOptions co=new ChromeOptions();**

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

**WebDriverManager.chromedriver().setup();**

**WebDriver driver;**

**driver=new ChromeDriver();**

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

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

**Thread.sleep(4000);**

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

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

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

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

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

**Thread.sleep(4000);**

**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[1]")).click();**

**String f1 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).getText();**

**Thread.sleep(3000);**

**System.out.println("Filtering from: " + f1);**

**Thread.sleep(3000);**

**String p1 = driver.findElement(By.xpath("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();**

**System.out.println("First product name: " + p1);**

**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();**

**String f2 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).getText();**

**Thread.sleep(3000);**

**System.out.println("Filtering from: " + f2);**

**String p2 = driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();**

**Thread.sleep(3000);**

**System.out.println("First product name: " + p2);**

**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();**

**Thread.sleep(3000);**

**String f3 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).getText();**

**Thread.sleep(3000);**

**System.out.println("Filtering from: " + f3);**

**String p3 = driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();**

**Thread.sleep(3000);**

**System.out.println("First product name: " + p3);**

**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 f4 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).getText();**

**System.out.println("Filtering from: " + f4);**

**String p4 = driver.findElement(By.xpath("//\*[@id=\"item\_5\_title\_link\"]/div")).getText();**

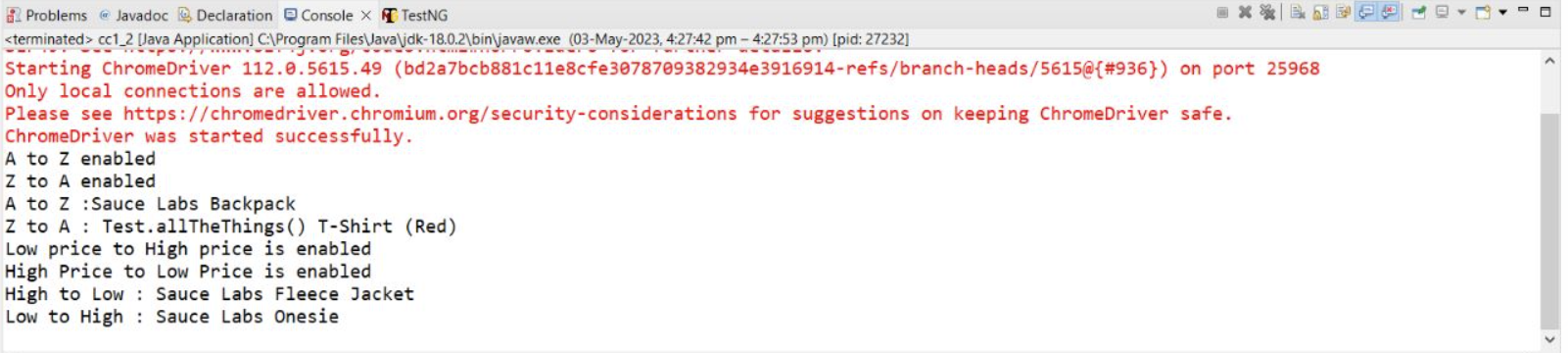
**System.out.println("First product name: " + p4);**

**driver.close();**

**}**

**}**

**OUTPUT:**

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