# ASHMITHAA S E

727721EUAI007

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**TESTING USING SELENIUM**

Coding contest 1

***Question 1***

Code

package 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 cc1ques1 {

public static void main(String[] args) {

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

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

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

if(cart.equals(initial)) {

System.out.println("successfully product added to the cart");

}

else {

System.out.println("oops");

}

String check\_cart = driver.findElement(By.xpath("//\*[@id=\"continue-shopping\"]")).getText();

System.out.println(check\_cart);

if(check\_cart.equals("Continue Shopping")) {

System.out.println("hey ! cart is open smoothly ");

}

else {

System.out.println("oops");

}

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

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

if(checkout.equals("Checkout: Your Information")) {

System.out.println("my information displayed");

}

else {

System.out.println("oops");

}

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

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

driver.findElement(By.xpath("//\*[@id=\"postal-code\"]")).sendKeys("641008");

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

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

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

if(product\_name.equals(cart)) {

System.out.println("entire product overview is displayed");

System.out.println("product Name"+product\_name);

System.out.println("product price"+product\_price);

}

else {

System.out.println(cart);

System.out.println(product\_name);

}

String title = driver.getTitle();

if(title.equals("Swag Labs")) {

System.out.println("title matched");

}

else {

System.out.println("title mismatched");

}

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

System.out.println("url matched");

}

else {

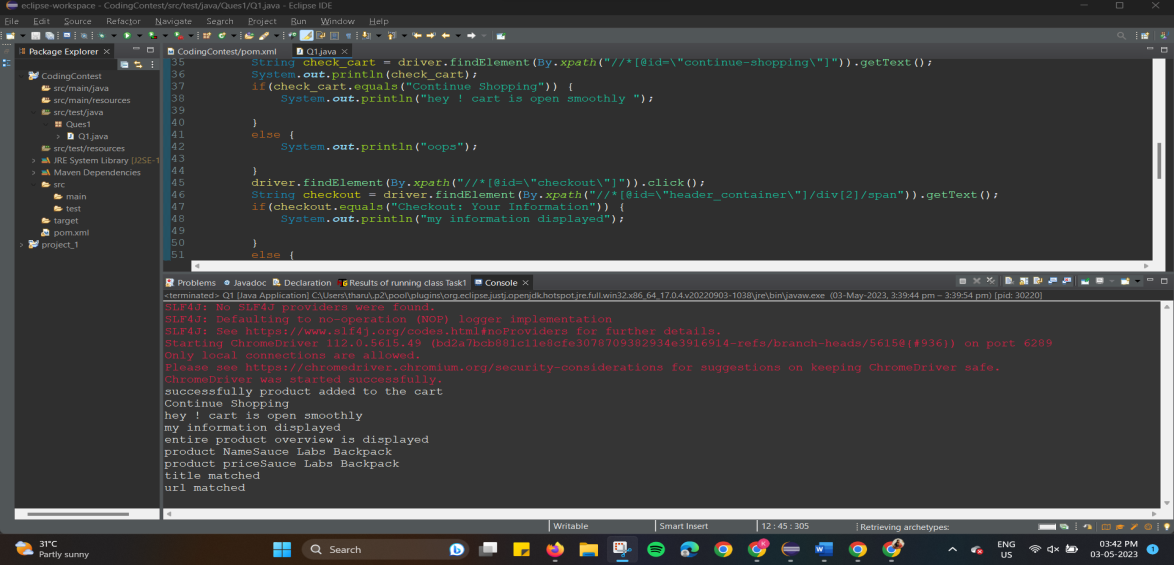
System.out.println("url mismatched");

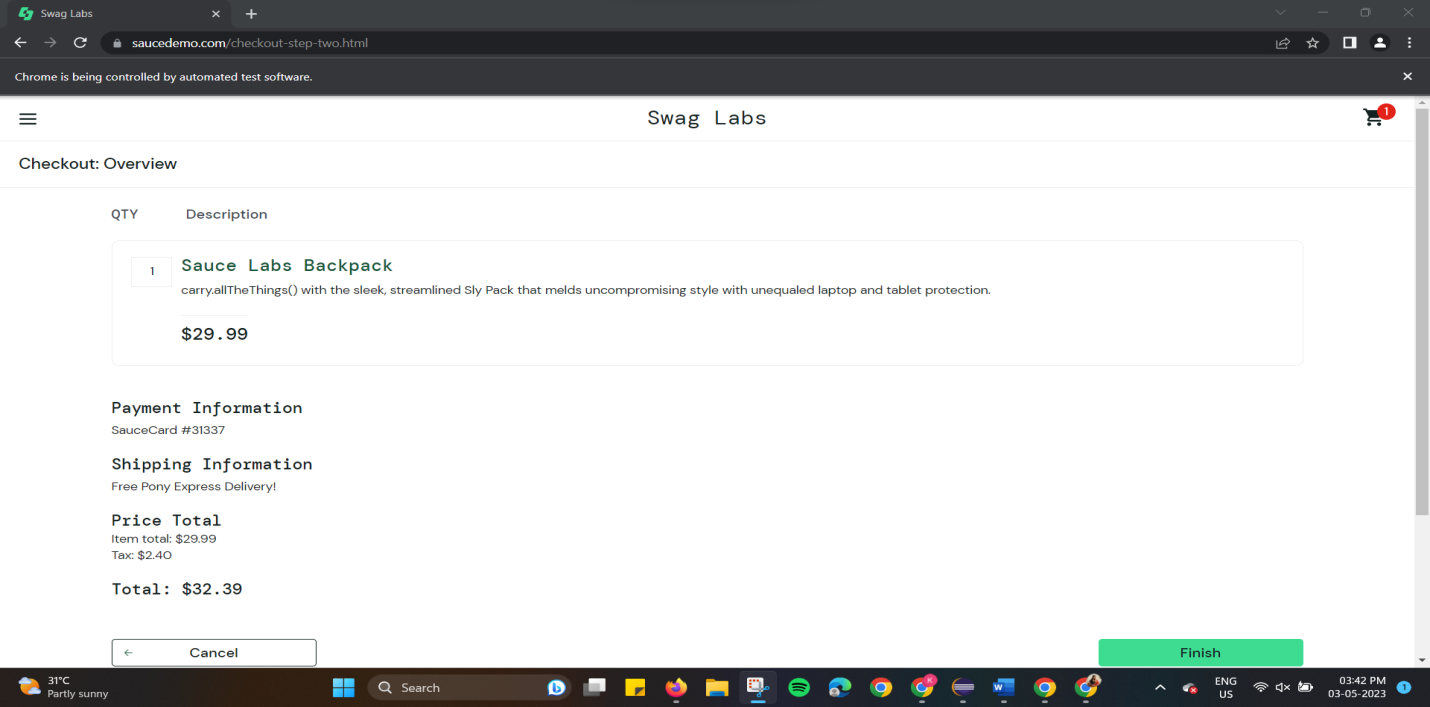
}

}

}

Output





***Question 2***

Code

package cc2;

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 Q2 {

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

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

txtBoxl.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/select")).click();

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

String txt2=driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();

System.out.println(txt2);

System.out.println("filter (A-Z and Z-A) used smoothly");

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);

System.out.println("filter (low price- high price and high price - low price )used smoothly");

Thread.sleep(5000);

}

}

Output

