SOFTWARE TESTING USING SELENIUM :- CC 1

1)

Question 1 : Adding a product to cart and checkout :

package com.cc;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ques1 {

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

{

WebDriverManager.chromedriver().setup();

WebDriver driver = new ChromeDriver();

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

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

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

}

Thread.sleep(2000);

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

String product = "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(product));

{

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

}

Thread.sleep(2000);

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

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

System.out.println("Form displayed");

}

Thread.sleep(2000);

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

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

driver.findElement(By.xpath("//\*[@id=\"postal-code\"]")).sendKeys("641664");

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

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

System.out.println("Overview page is displayed");

}

Thread.sleep(2000);

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

Thread.sleep(2000);

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

System.out.println("Title of the page is verified");

}

Thread.sleep(2000);

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

System.out.println("Url of the page is verified");

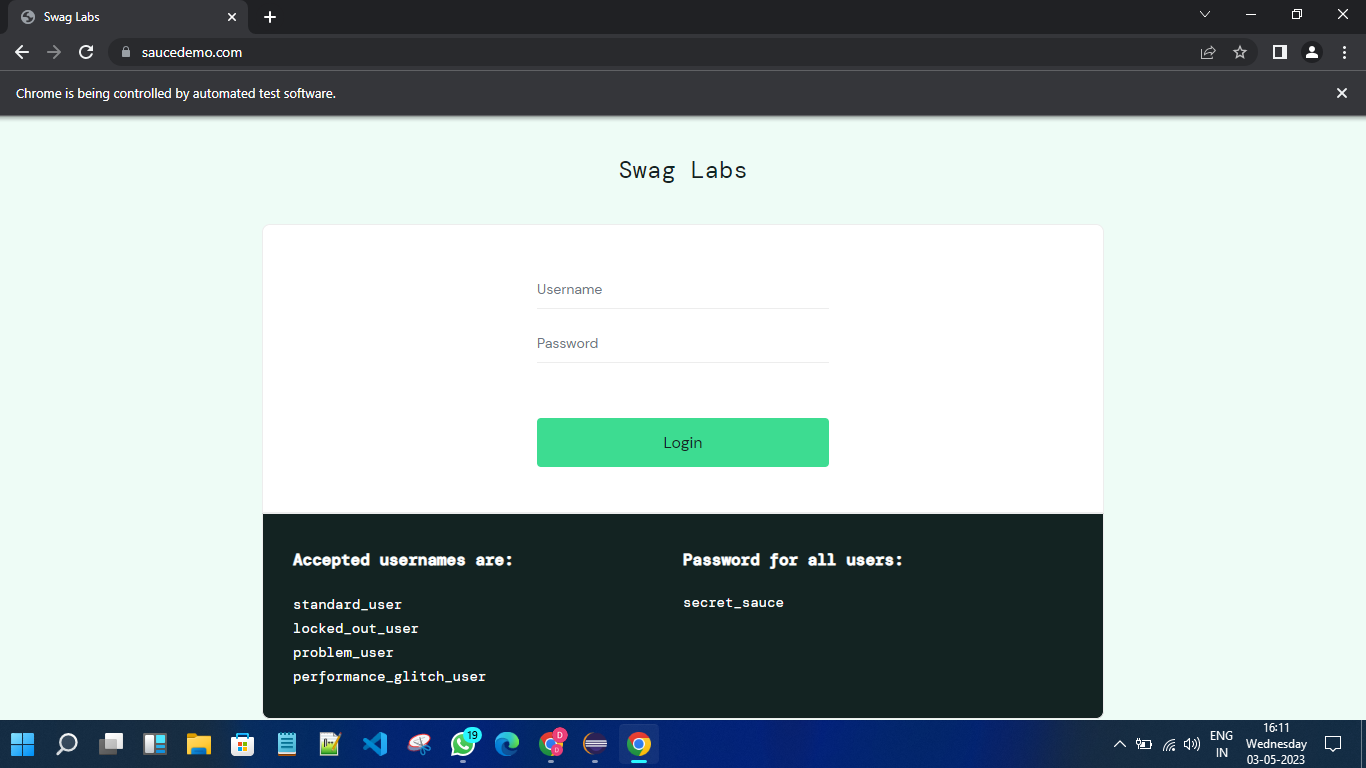
}

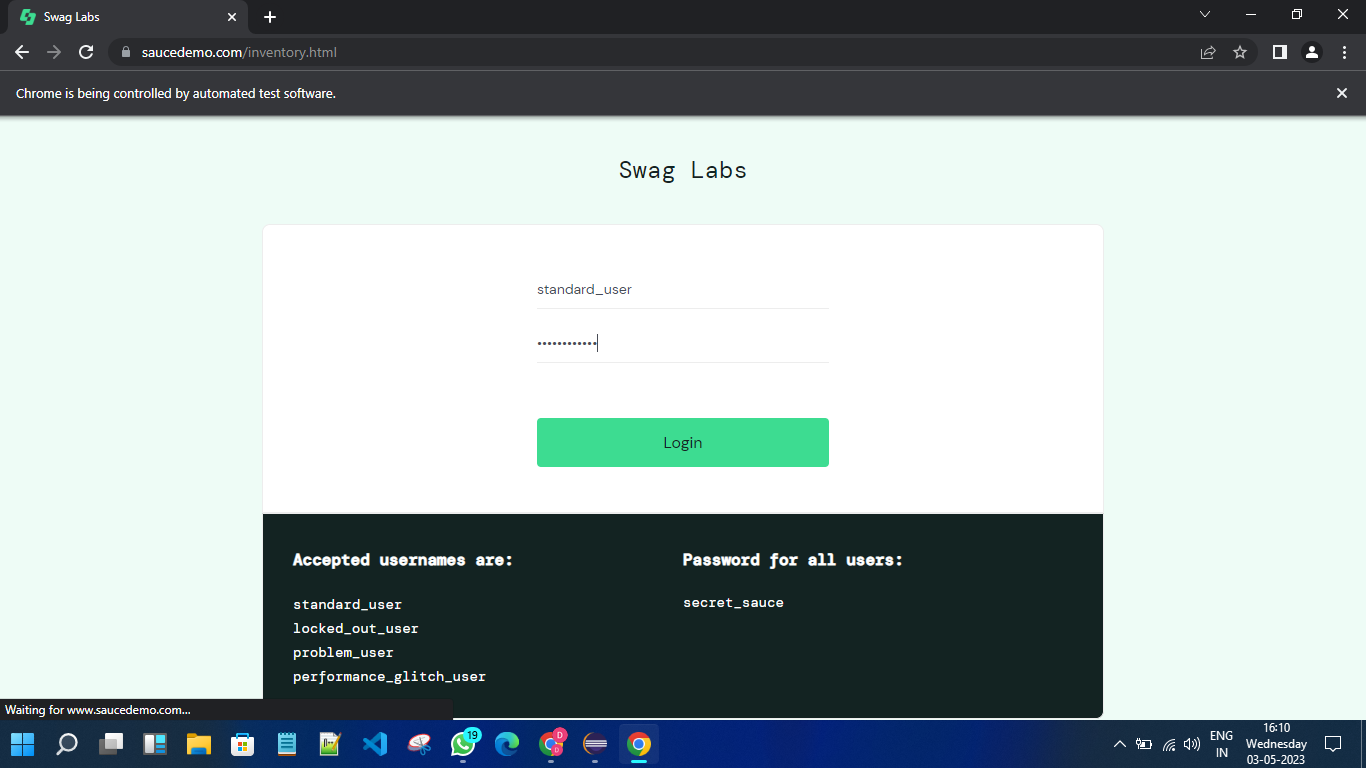
Thread.sleep(2000);

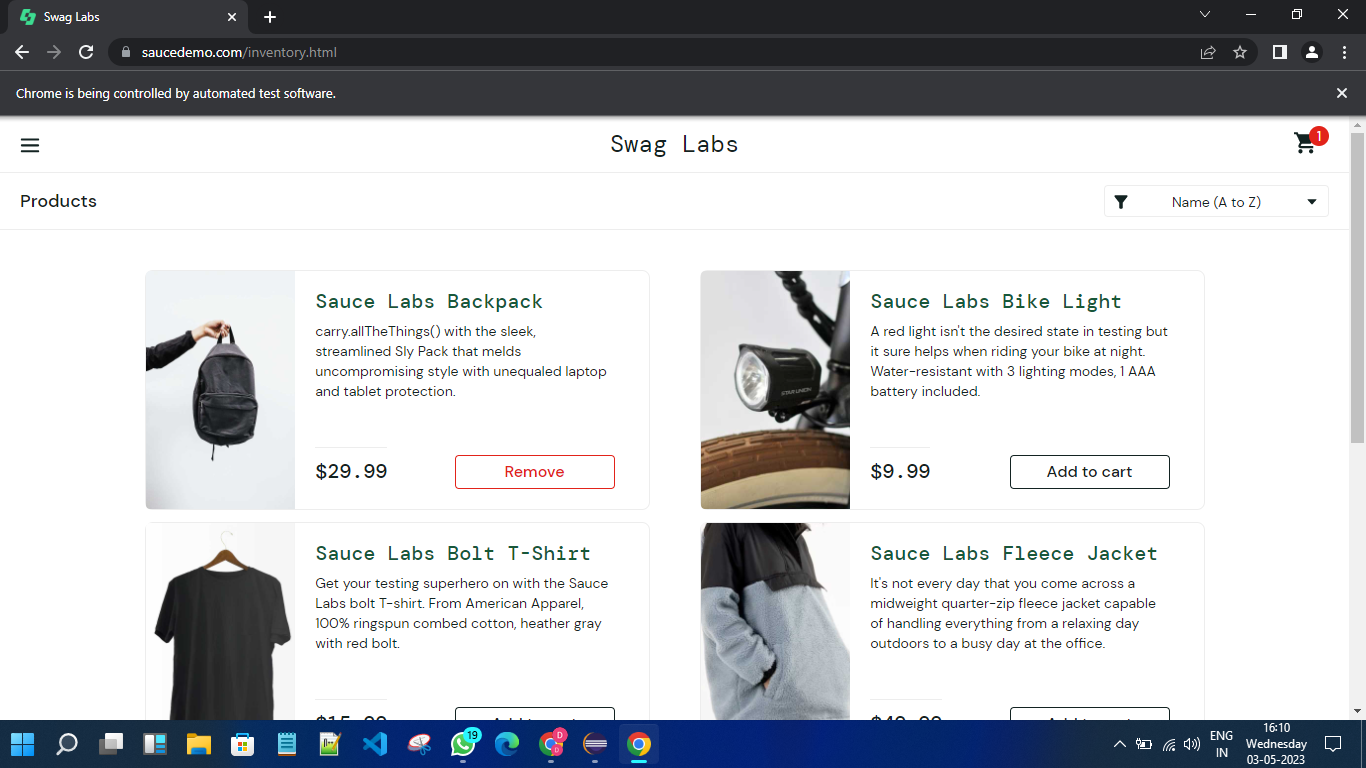
}

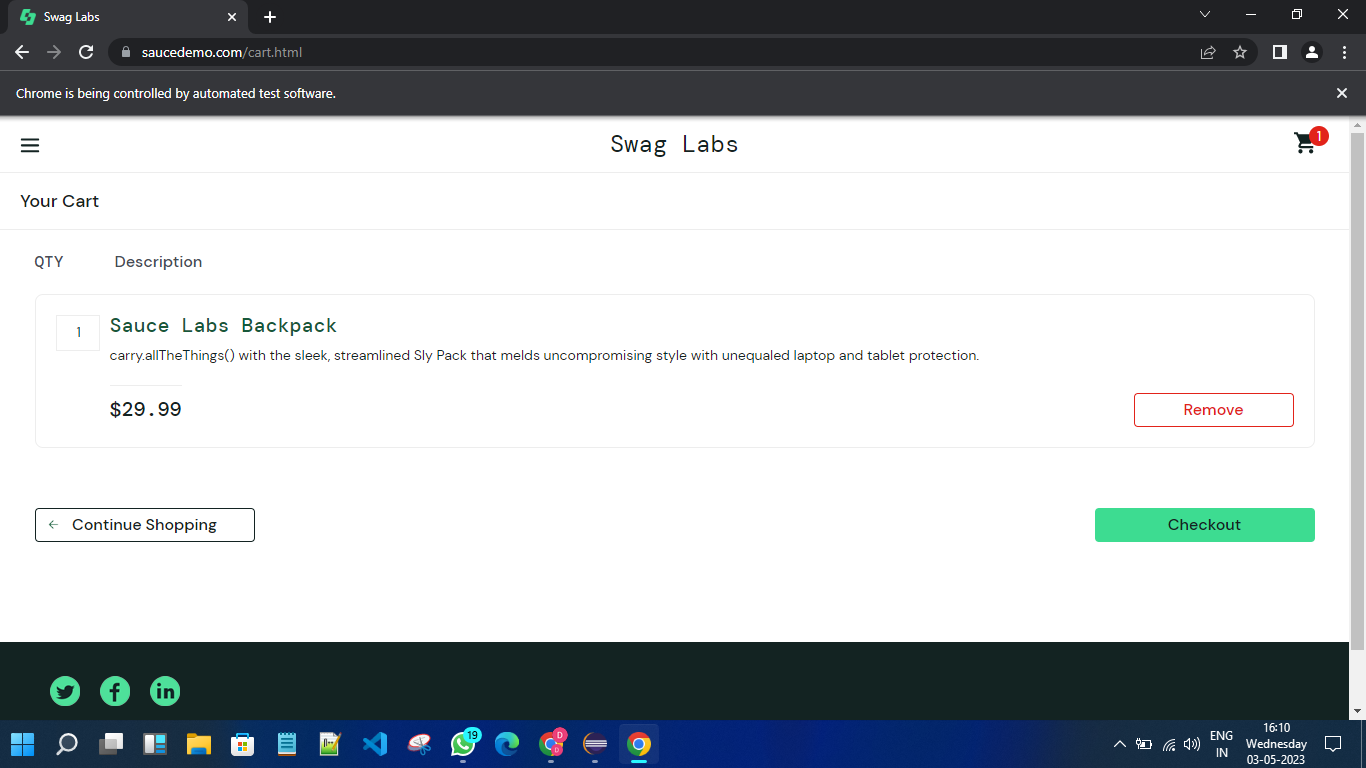
}

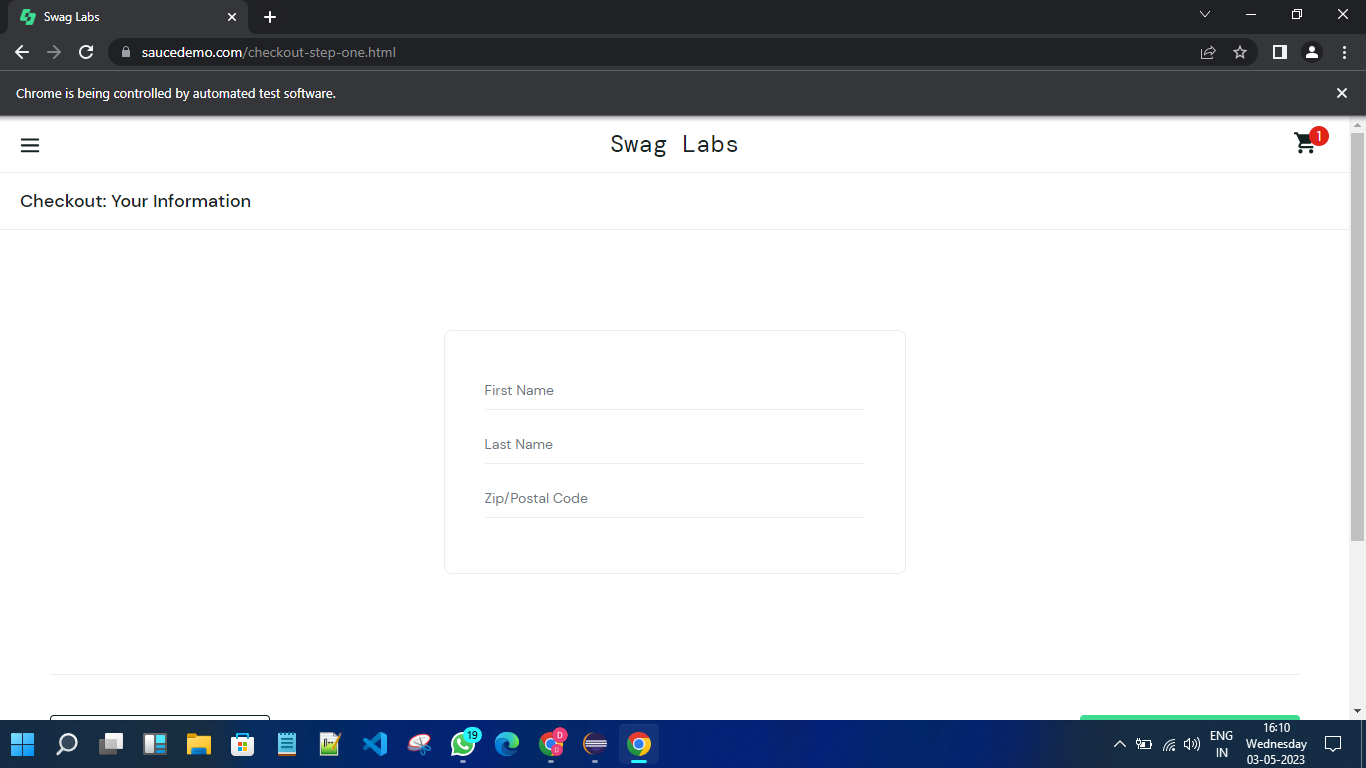
OUTPUT:-

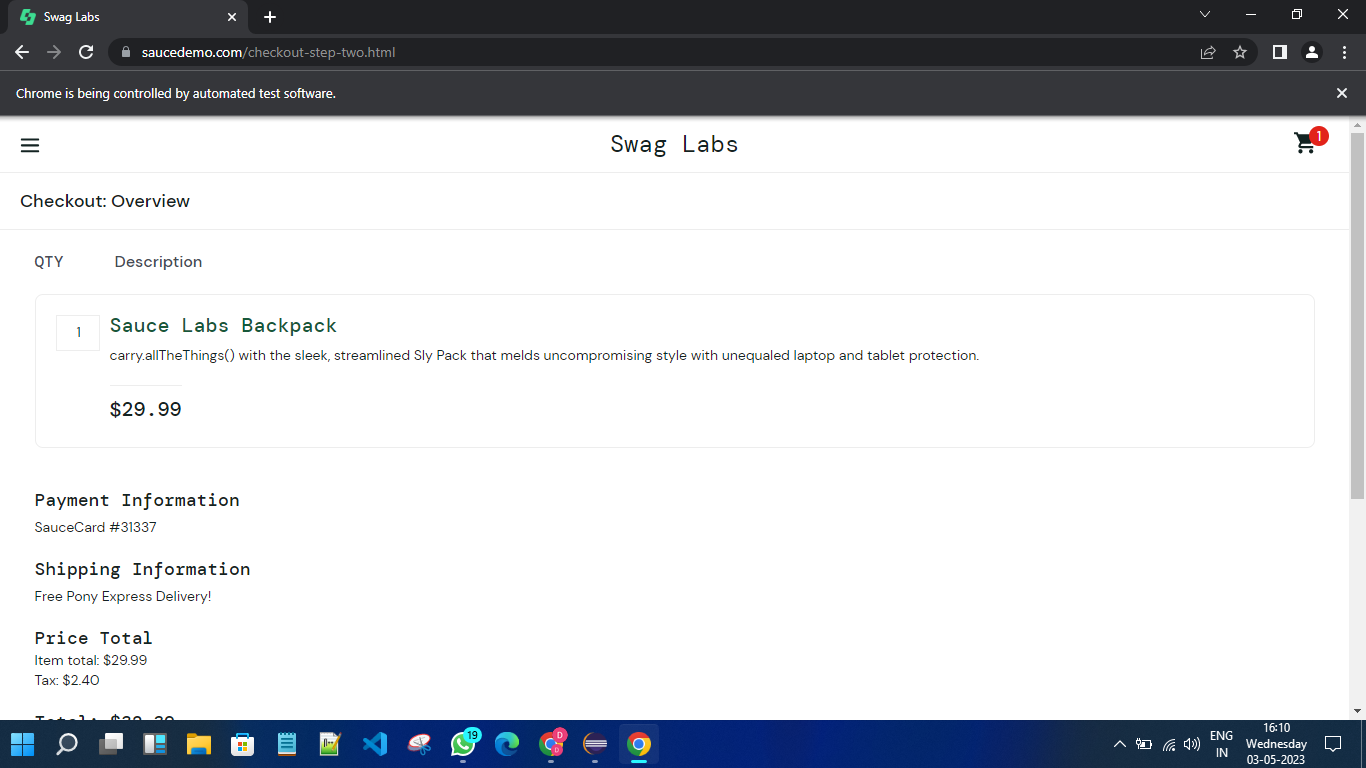


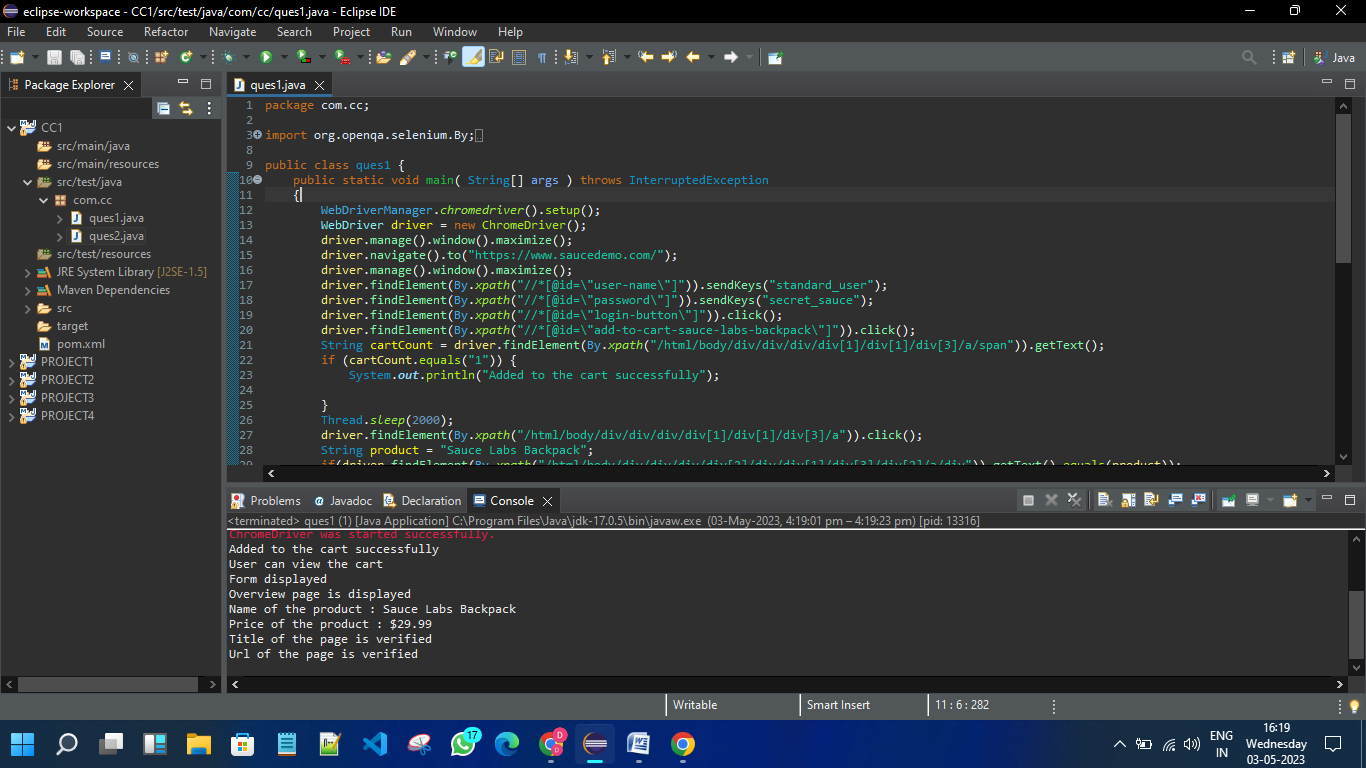












2)

QUESTION 2 : Filter option :

package com.cc;

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 ques2 {

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

// TODO Auto-generated method stub

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

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

Thread.sleep(2000);

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

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

name.sendKeys("standard\_user");

Thread.sleep(2000);

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

pwd.sendKeys("secret\_sauce");

Thread.sleep(2000);

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

btn.click();

Thread.sleep(2000);

WebElement c1=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

c1.click();

Thread.sleep(2000);

WebElement c2=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[1]"));

c2.click();

Thread.sleep(2000);

String e1=driver.findElement(By.xpath("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

System.out.println("A to Z Order : "+e1);

WebElement c3=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]"));

c3.click();

Thread.sleep(2000);

String e2=driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();

System.out.println("Z to A Order : "+e2);

Thread.sleep(1000);

WebElement c4=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]"));

c4.click();

Thread.sleep(2000);

String e3=driver.findElement(By.xpath("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();

System.out.println("Low to High Order : "+e3);

WebElement c5=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]"));

c5.click();

Thread.sleep(2000);

String e4=driver.findElement(By.xpath("//\*[@id=\"item\_5\_title\_link\"]/div")).getText();

System.out.println("High to Low Order : "+e4);

Thread.sleep(1000);

}

}

OUTPUT:-

