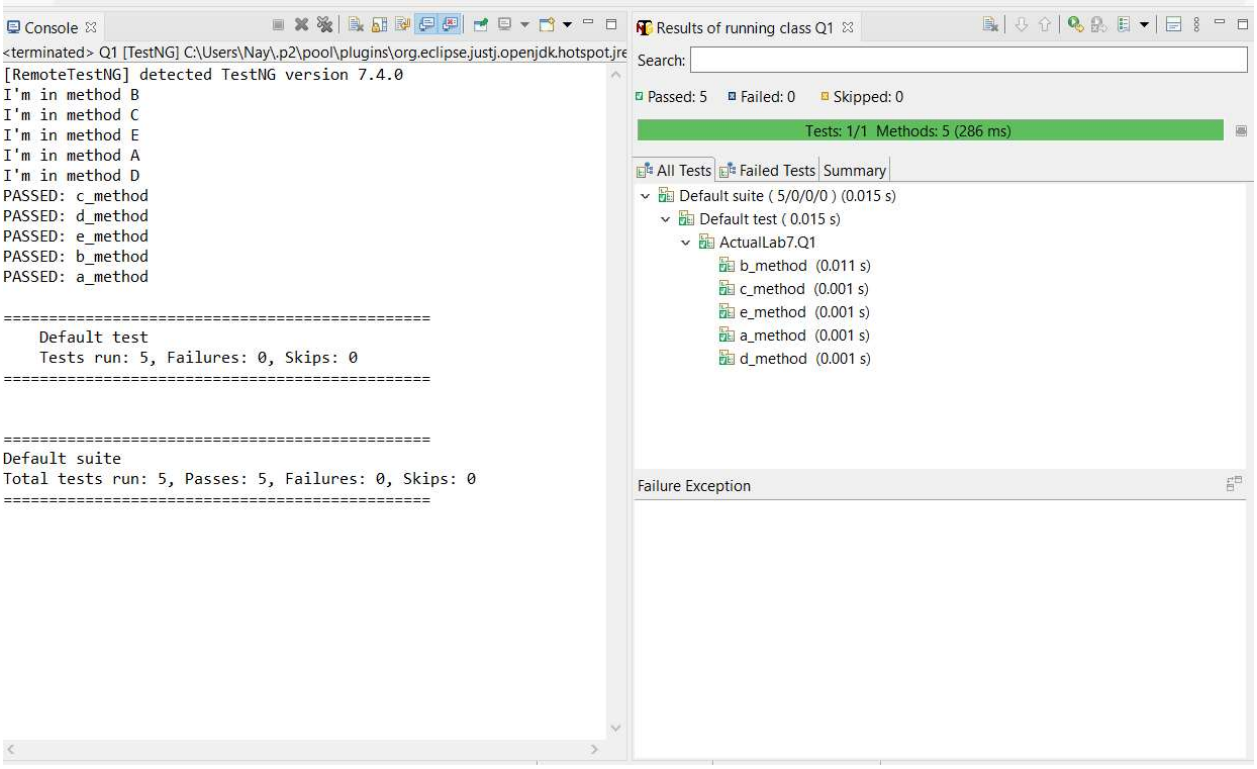
Assignment 1

This assignment was coded in the following manner:

```java
package ActualLab7;

import org.testng.annotations.Test;

public class Q1 {
    @Test()
    public void c_method(){
            System.out.println("I'm in method C"); }
    @Test ()
    public void b_method(){
            System.out.println("I'm in method B"); }
    @Test (priority=6)
    public void a_method(){
            System.out.println("I'm in method A"); }
    @Test (priority=0)
    public void e_method (){
            System.out.println("I'm in method E"); }
    @Test (priority=6)
    public void d_method(){
            System.out.println("I'm in method D"); }

}
```

The following output was yielded by the console and TestNG report:

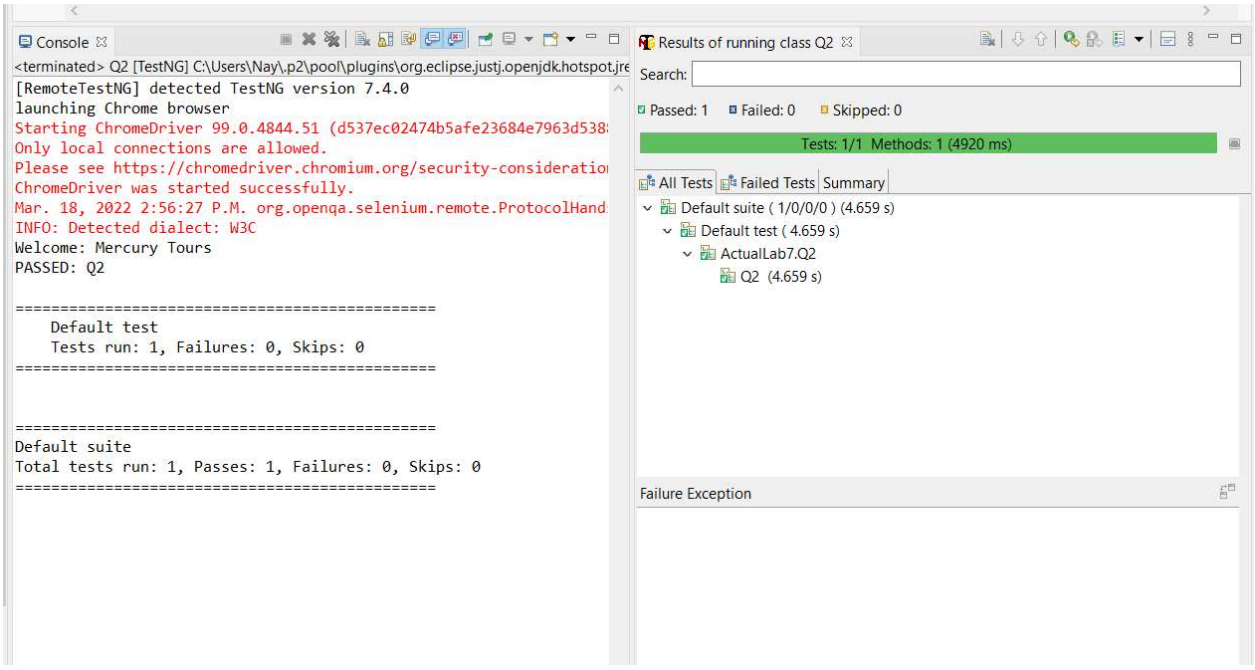


Assignment 2

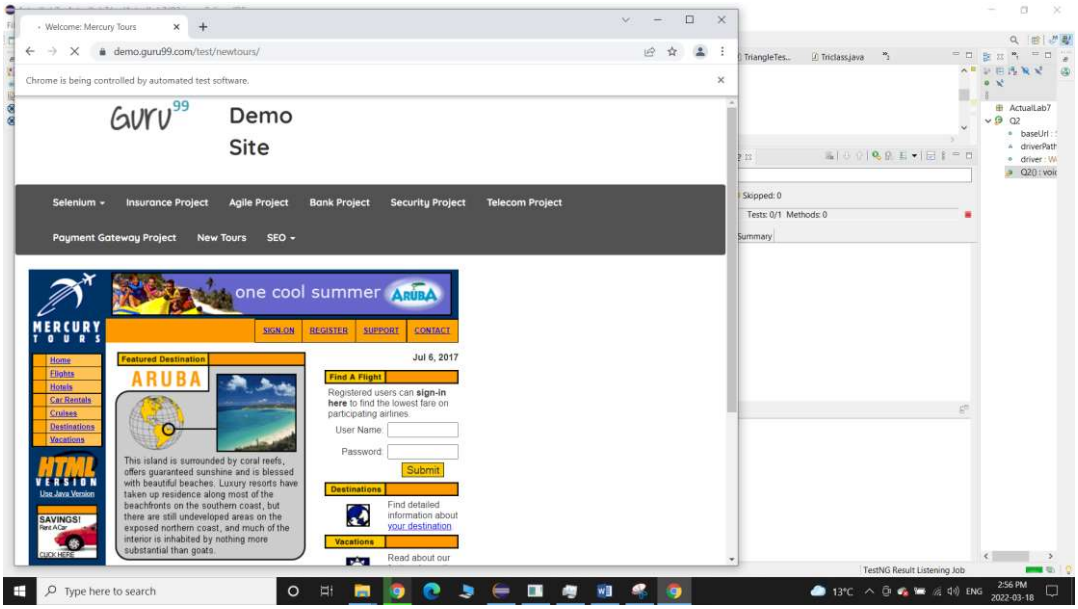
This assignment was coded in the following manner:

```java
package ActualLab7;


import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.Test;

public class Q2 {

    public String baseUrl = "http://demo.guru99.com/test/newtours/";
        String driverPath = "C:\\chromedriver.exe";

        public WebDriver driver ;
        @Test
        public void Q2() {
          System.out.println("launching Chrome browser");
          System.setProperty("webdriver.chrome.driver", driverPath);
          driver = new ChromeDriver();
          driver.get(baseUrl);
          String expectedTitle = "Welcome: Mercury Tours";
          String actualTitle = driver.getTitle();
          Assert.assertEquals(actualTitle, expectedTitle);
          System.out.println(actualTitle);
          driver.close ();
        }

}
```

The following output was yielded by the console and TestNG report:



The following results were observed on the web driver:

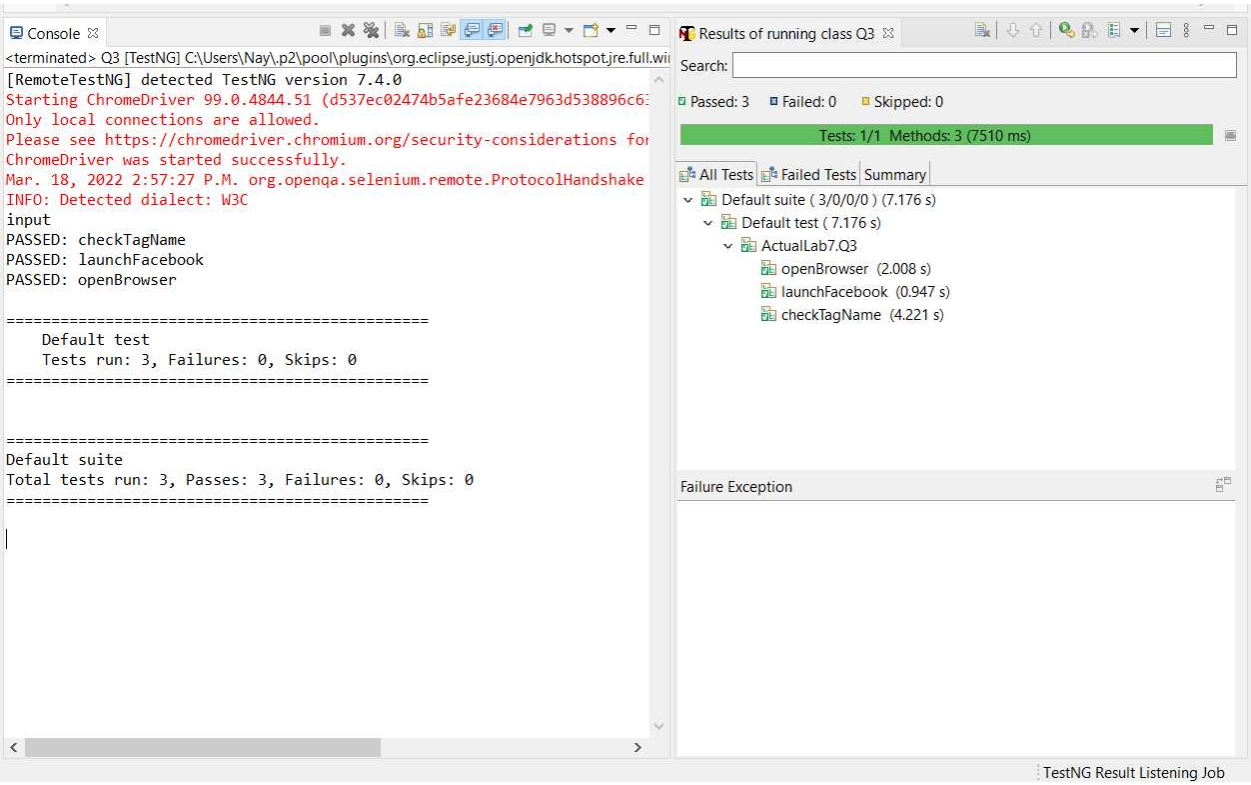


Assignment 3

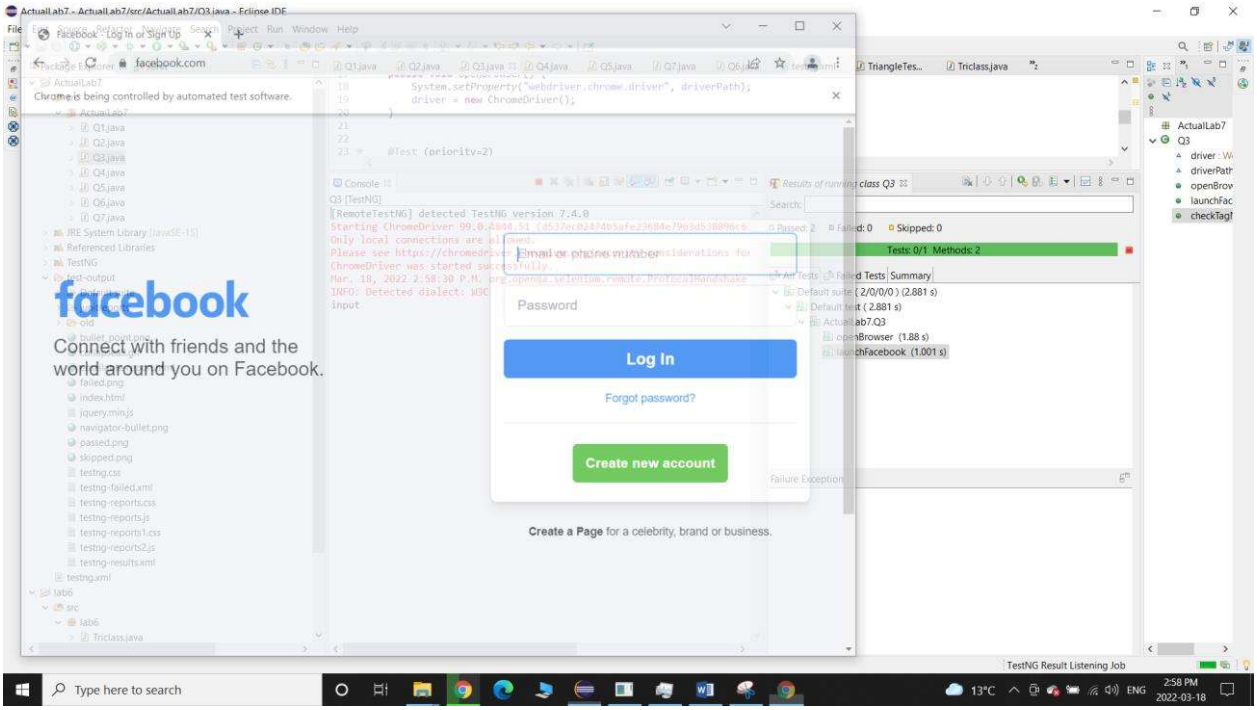
This assignment was coded in the following manner:

```
1  package ActualLab7;
2
3  import org.testng.annotations.Test;
4
5
6  import org.openqa.selenium.*;
7  import org.openqa.selenium.WebDriver;
8  import org.openqa.selenium.chrome.ChromeDriver;
9  import org.testng.Assert;
10 import org.testng.annotations.Test;
11
12 public class Q3 {
13
14     WebDriver driver;
15     String driverPath = "C:\\chromedriver.exe";
16     @Test (priority=1)
17     public void openBrowser() {
18         System.setProperty("webdriver.chrome.driver", driverPath);
19         driver = new ChromeDriver();
20     }
21
22
23     @Test (priority=2)
24     public void launchFacebook() {
25         driver.get("http://www.facebook.com");
26     }
27
28
29     @Test (priority=3)
30     public void checkTagName() {
31
32         String tagName = driver.findElement(By.id("email")).getTagName();
33         System.out.println(tagName);
34         driver.close();
35
36     }
37 }
```

The following output was yielded by the console and TestNG report:



The following results were observed on the web driver:

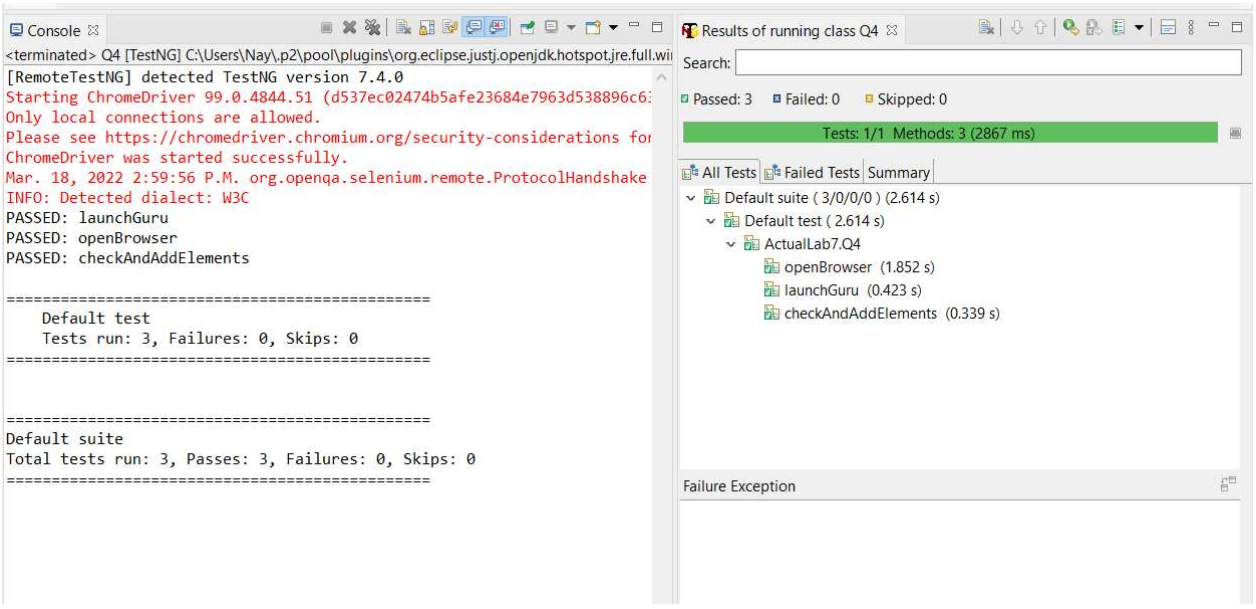


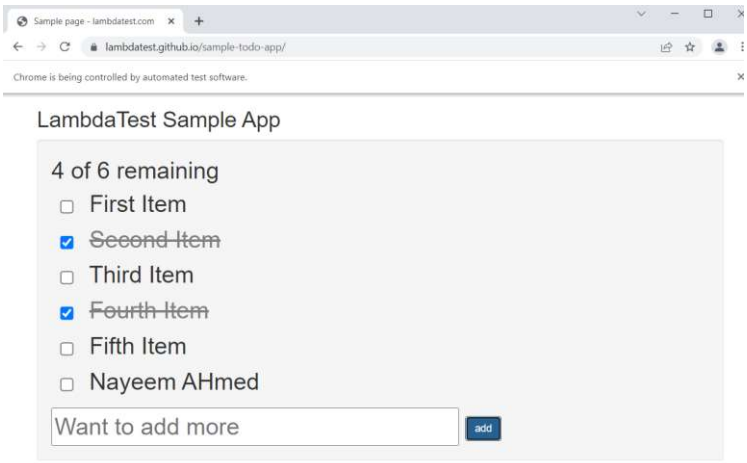
Assignment 4

This assignment was coded in the following manner:

```java
package ActualLab7;

import org.testng.annotations.Test;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.Test;

public class Q4 {
    WebDriver driver;
    String driverPath = "C:\\chromedriver.exe";
    @Test (priority=1)
    public void openBrowser() {
        System.setProperty("webdriver.chrome.driver", driverPath);
        driver = new ChromeDriver();
    }

    @Test (priority=2)
    public void launchGuru() {
        driver.get("https://lambdatest.github.io/sample-todo-app/");
    }

    @Test (priority=3)
    public void checkAndAddElements() {

        driver.findElement(By.name("li2")).click();
        driver.findElement(By.name("li4")).click();
        driver.findElement(By.id("sampletodotext")).clear();
        driver.findElement(By.id("sampletodotext")).sendKeys("Nayeem AHmed");
        driver.findElement(By.id("addbutton")).click();

    }
}

```

The following output was yielded by the console and TestNG report:



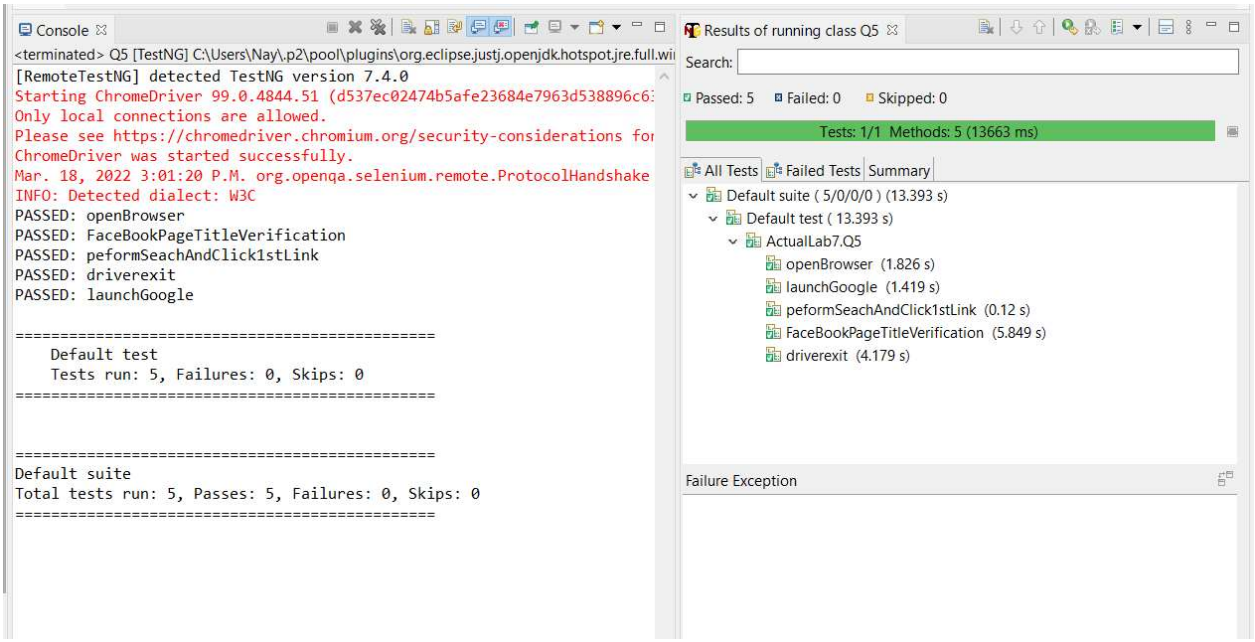


Assignment 5

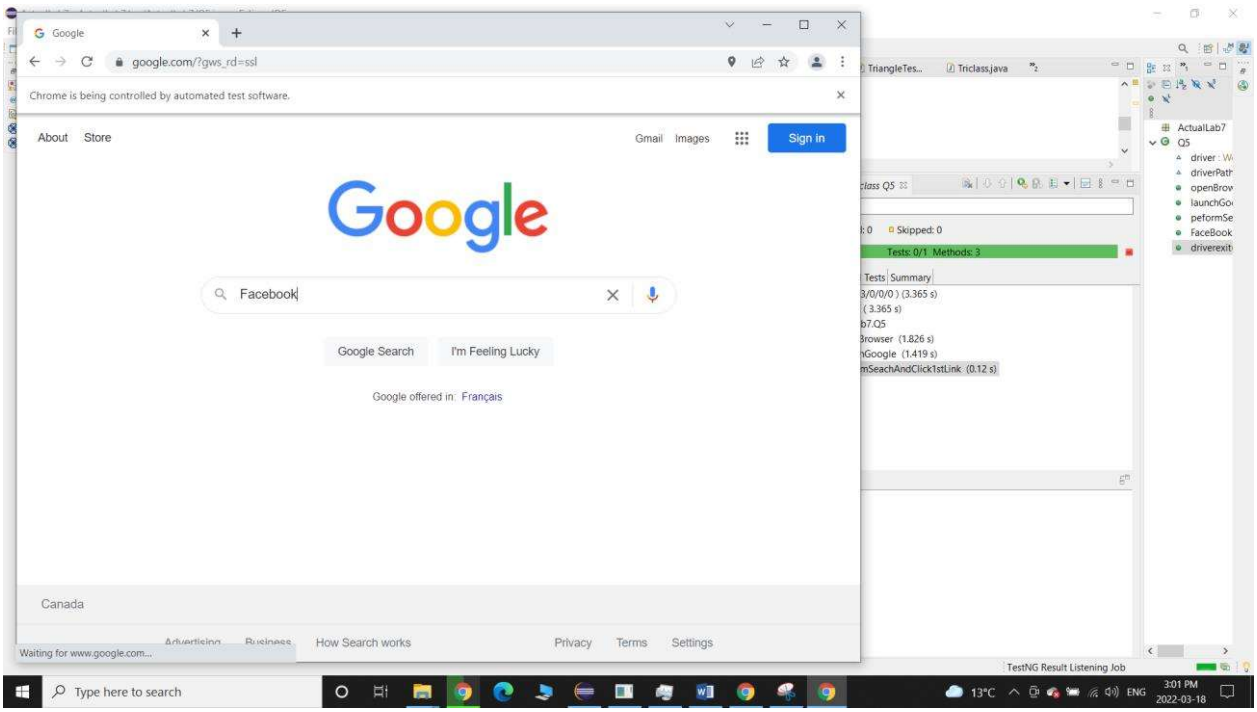
This assignment was coded in the following manner:

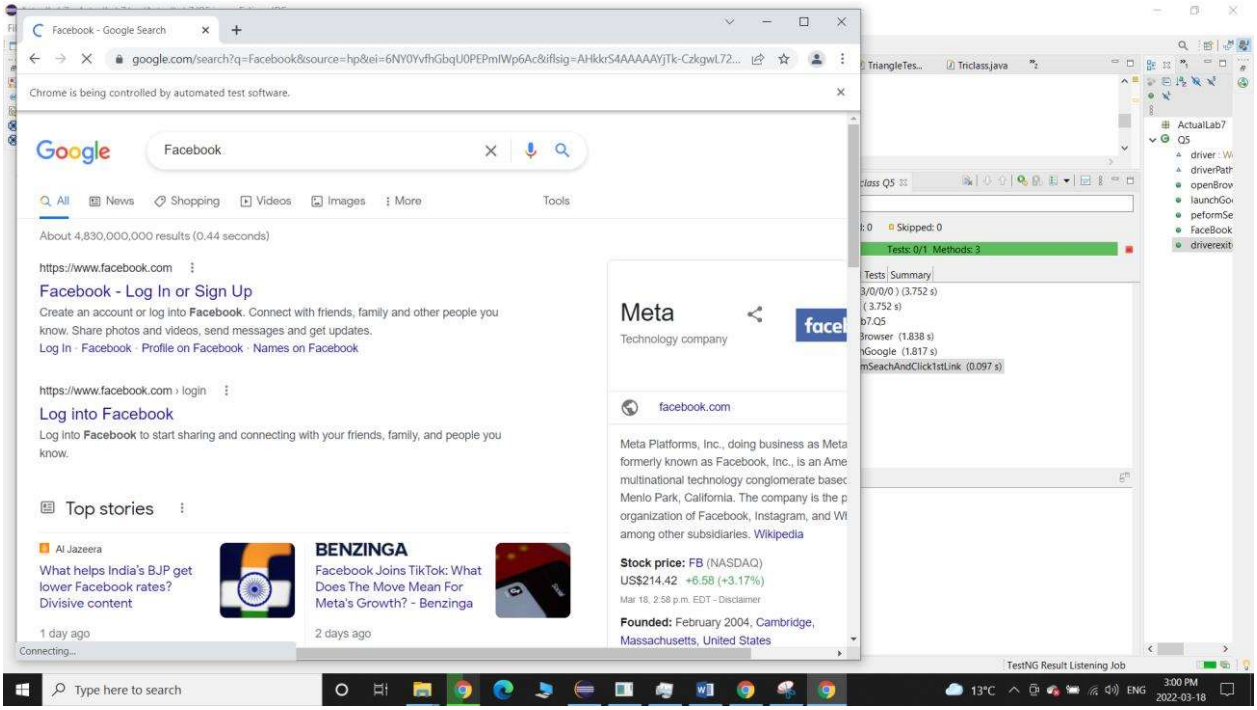
```
package ActualLab7;

import org.testng.annotations.Test;
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.Test;
public class Q5 {

    WebDriver driver;
    String driverPath = "C:\\chromedriver.exe";

    @Test (priority=1)
    public void openBrowser() {
        System.setProperty("webdriver.chrome.driver", driverPath);
        driver = new ChromeDriver();
        driver.manage().timeouts().implicitlyWait(5,TimeUnit.SECONDS);
    }

    @Test (priority=2)
    public void launchGoogle() {
        driver.get("http://www.google.com");
    }

    @Test (priority=3)
    public void peformSeachAndClick1stLink() {
        driver.findElement(By.xpath(".//*[@title='Search']")).sendKeys("Facebook");
    }

    @Test (priority=4)
    public void FaceBookPageTitleVerification() throws Exception {
        driver.findElement(By.name("btnK")).click();
        Thread.sleep(3500);
        Assert.assertEquals(driver.getTitle().contains("Facebook - Google Search"), true);
    }

    @Test (priority=5)
    public void driverexit() {
        driver.close();
    }
}
```

The following output was yielded by the console and TestNG report:



The following results were observed on the web driver:



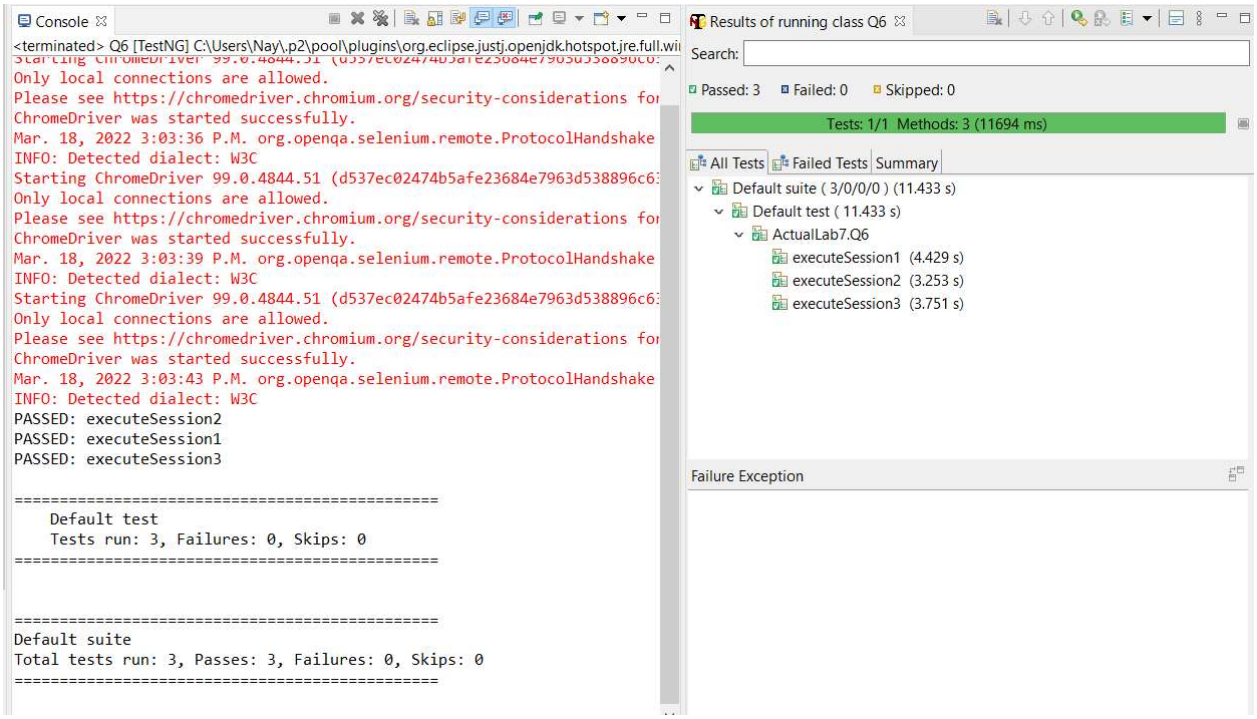


Assignment 6

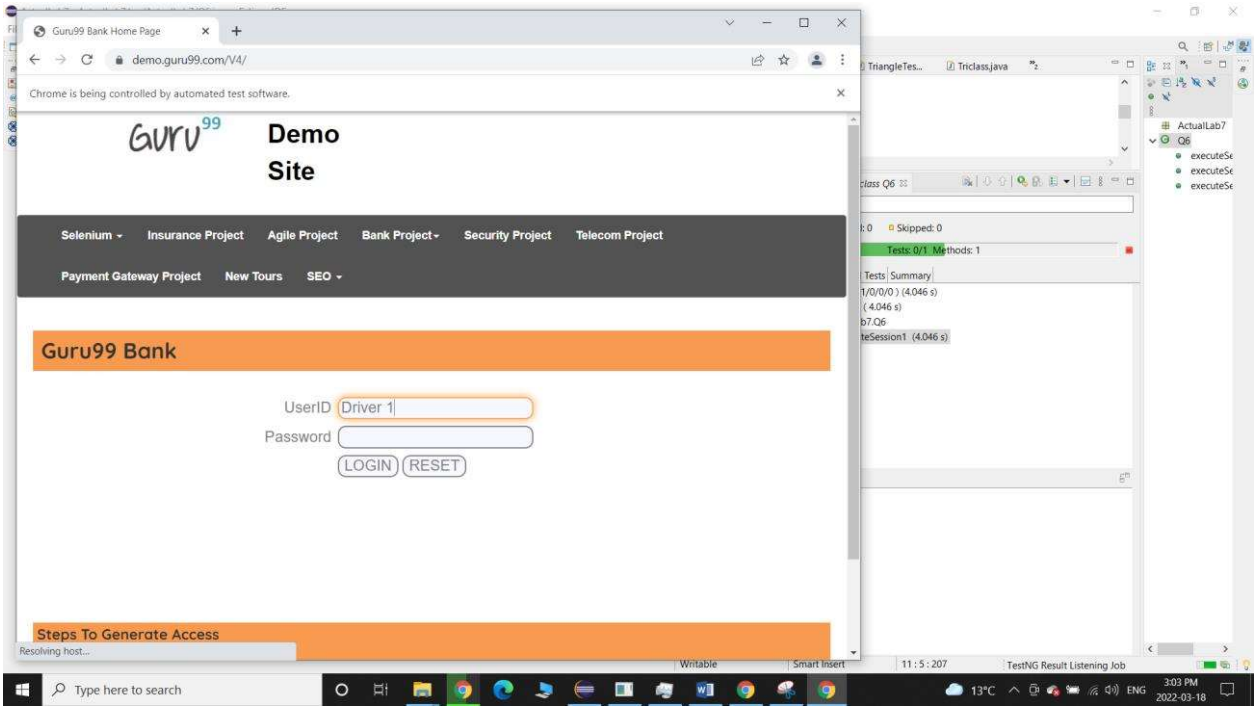
This assignment was coded in the following manner:

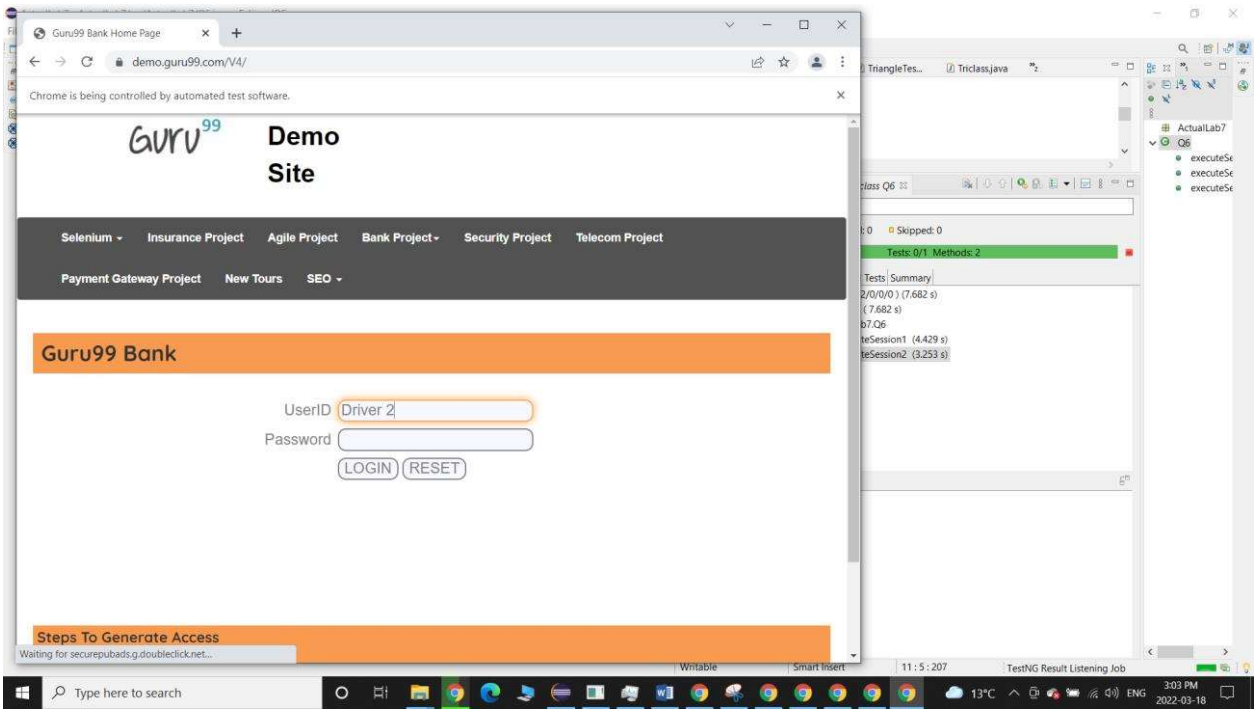
```
1  package ActualLab7;
2
3
4  import org.openqa.selenium.By;
5  import org.openqa.selenium.WebDriver;
6  import org.openqa.selenium.chrome.ChromeDriver;
7  import org.testng.annotations.Test;
8
9
10 public class Q6 {
11
12     @Test
13     public void executeSession1(){
14         System.setProperty("webdriver.chrome.driver", "chromedriver.exe");
15         WebDriver driver = new ChromeDriver ();
16         driver.get("http://demo.guru99.com/V4/");
17         driver.findElement(By.name("uid")).sendKeys("Driver 1");
18         }
19
20     @Test
21     public void executeSession2(){
22         System.setProperty ("webdriver.chrome.driver","chromedriver.exe");
23         WebDriver driver = new ChromeDriver ();
24         driver.get("http://demo.guru99.com/V4/");
25         driver.findElement (By.name ("uid")).sendKeys ("Driver 2"); }
26
27     @Test
28     public void executeSession3(){
29         System.setProperty ("webdriver.chrome.driver","chromedriver.exe");
30         WebDriver driver = new ChromeDriver ();
31         driver.get ("http://demo.guru99.com/V4/");
32         driver.findElement (By.name ("uid")).sendKeys ("Driver 3"); }
33 }
34
```

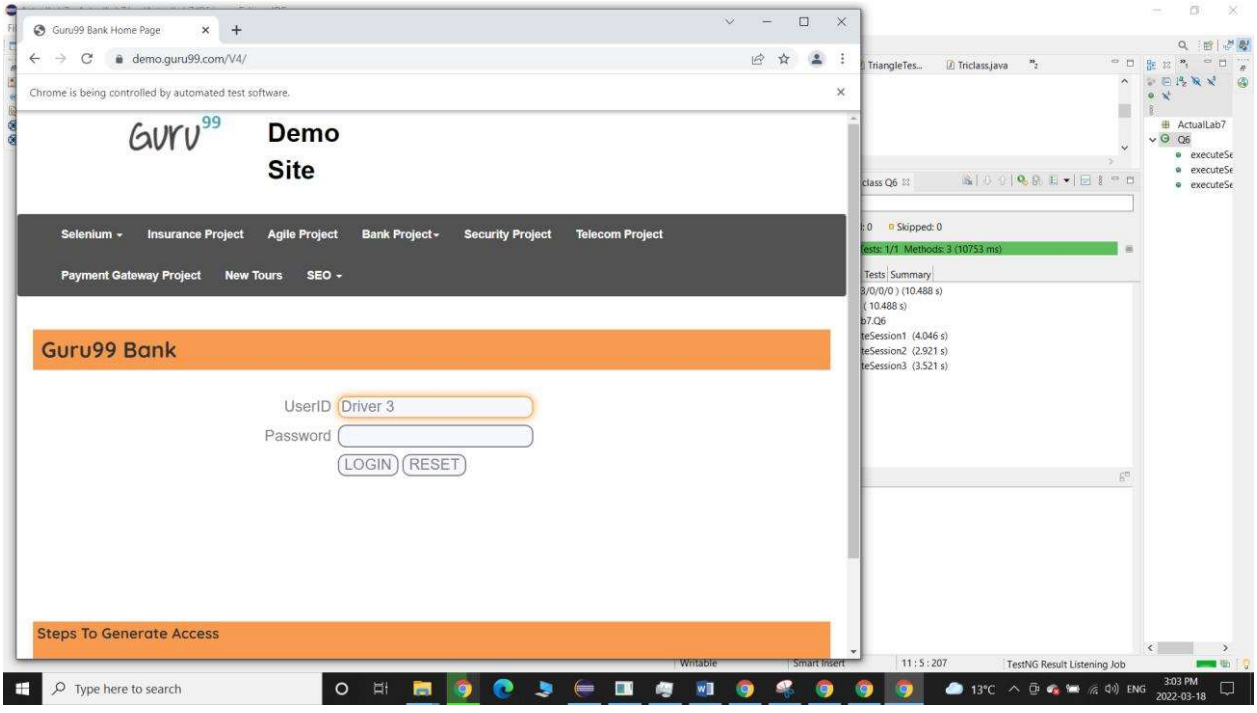
The following output was yielded by the console and TestNG report:



The following results were observed on the web driver:




Guru99 Bank Home Page
demo.guru99.com/V4/
Chrome is being controlled by automated test software.
Guru99 Demo Site
Selenium
Insurance Project
Agile Project
Bank Project
Security Project
Telecom Project
Payment Gateway Project
New Tours
SEO
Guru99 Bank
UserID
Driver 2
Password
LOGIN
RESET
Steps To Generate Access
Waiting for securepubads.g.doubleclick.net...
Type here to search
13°C
ENG
3:03 PM
2022-03-18

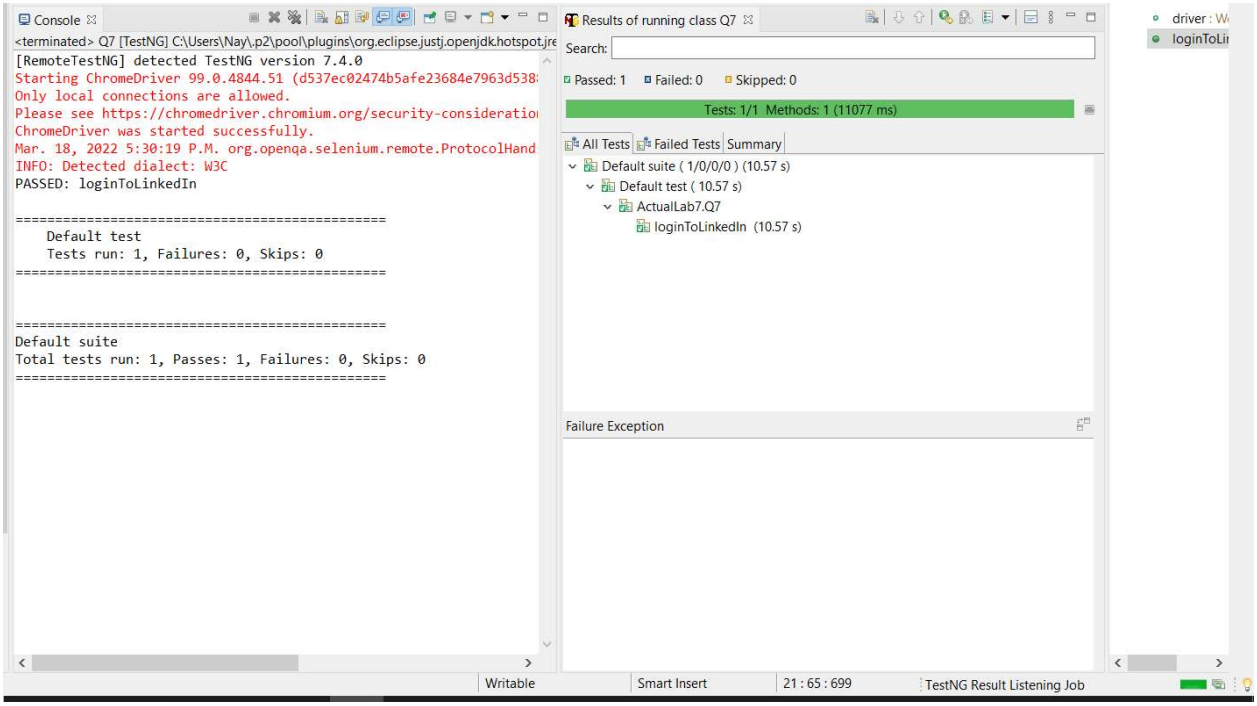

Guru99 Bank Home Page
demo.guru99.com/V4/
Chrome is being controlled by automated test software.
Guru99 Demo Site
Selenium
Insurance Project
Agile Project
Bank Project
Security Project
Telecom Project
Payment Gateway Project
New Tours
SEO
Guru99 Bank
UserID
Driver 3
Password
LOGIN
RESET
Steps To Generate Access
Type here to search
13°C
ENG
3:03 PM
2022-03-18

Assignment 7

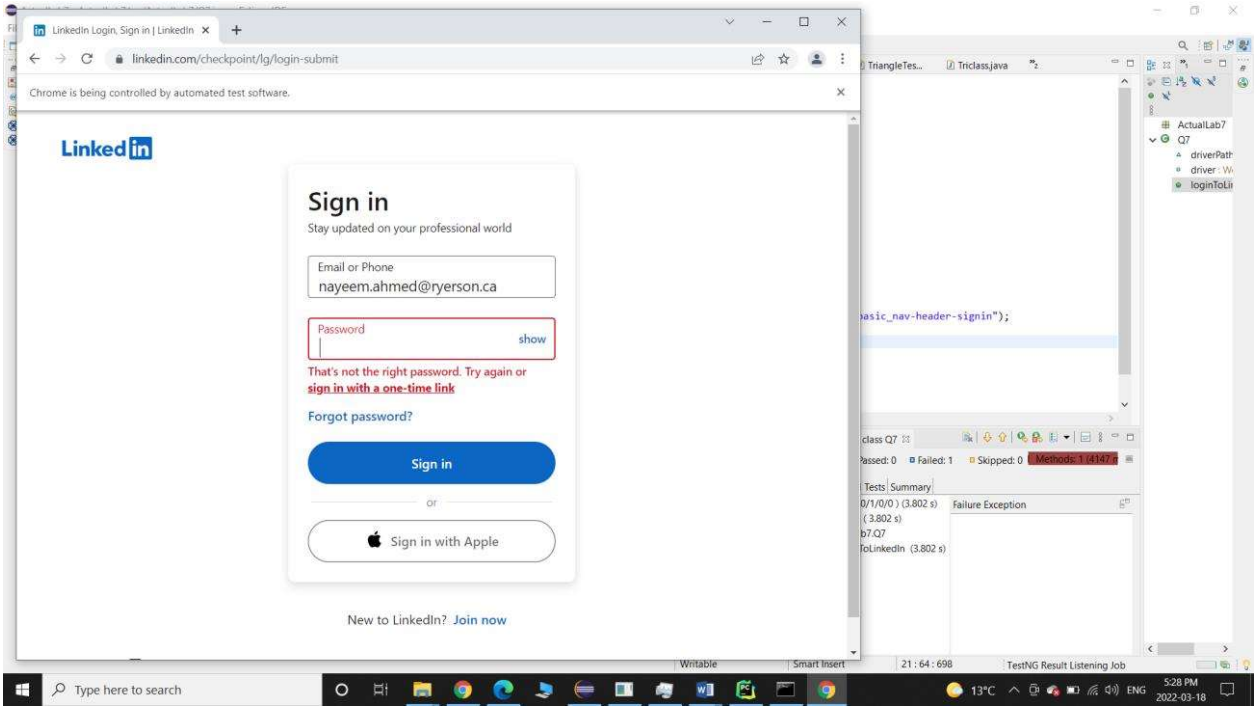
This assignment was coded in the following manner:

```java
package ActualLab7;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.Test;

public class Q7 {

    String driverPath = "C:\\chromedriver.exe";

    public WebDriver driver ;

    @Test
    public void loginToLinkedIn() {
      System.setProperty("webdriver.chrome.driver", driverPath);
      driver = new ChromeDriver();
      driver.get("https://www.linkedin.com/login?fromSignIn=true&trk=guest_homepage-basic_nav-header-signin");
      driver.findElement(By.id("username")).sendKeys("nayeem.ahmed@ryerson.ca");
      driver.findElement(By.id("password")).sendKeys("*****");
      driver.findElement(By.className("btn__primary--large")).click();
      Assert.assertTrue(driver.getCurrentUrl().contains("www.linkedin.com/feed"));
      driver.close();
    }
}
```

The following output was yielded by the console and TestNG report:



The following results were observed on the web driver:


LinkedIn Login, Sign in | LinkedIn
linkedin.com/checkpoint/lg/login-submit
Chrome is being controlled by automated test software.
LinkedIn
Sign in
Stay updated on your professional world
Email or Phone
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Password
show
That's not the right password. Try again or sign in with a one-time link
Forgot password?
Sign in
or
Sign in with Apple
New to LinkedIn? Join now
Type here to search
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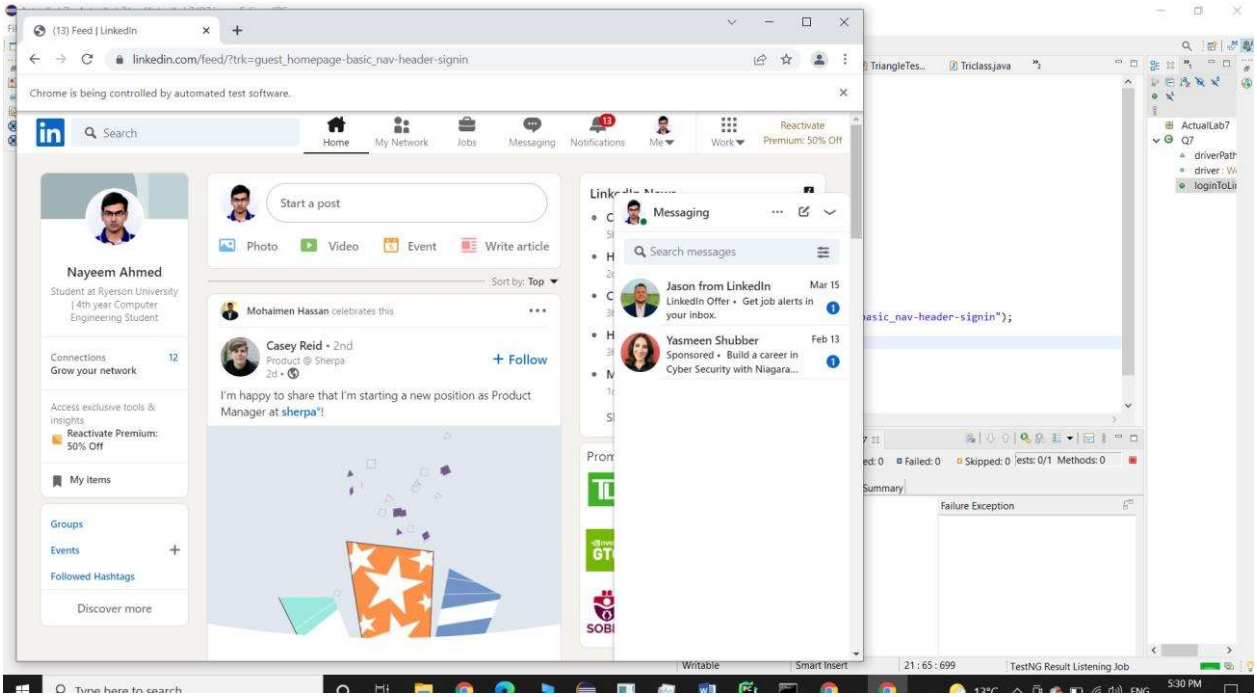
2022-03-18


(13) Feed | LinkedIn
linkedin.com/feed/?trk=guest_homepage-basic_nav-header-signin
Chrome is being controlled by automated test software.
Search
Home
My Network
Jobs
Messaging
Notifications
Me
Work
Reactivate Premium: 50% Off
Nayeem Ahmed
Student at Ryerson University | 4th year Computer Engineering Student
Connections
Grow your network
Access exclusive tools & insights
Reactivate Premium: 50% Off
My items
Groups
Events
Followed Hashtags
Discover more
Start a post
Photo
Video
Event
Write article
Sort by: Top
Mohaimen Hassan celebrates this
Casey Reid • 2nd
Product @ Sherpa
2d •
+ Follow
I'm happy to share that I'm starting a new position as Product Manager at sherpa"!
Messaging
Search messages
Jason from LinkedIn
Mar 15
LinkedIn Offer • Get job alerts in your inbox.
Yasmeen Shubber
Feb 13
Sponsored • Build a career in Cyber Security with Niagara...
Type here to search
5:30 PM