

Part1 Selenium assessment_ Gayathri Peri

Scenario - 1:

Launch the opencart application in firefox browser using "demo.opencart.com" url. Validate whether the application has been invoked correctly

Code:

```
//Scenario - 1:

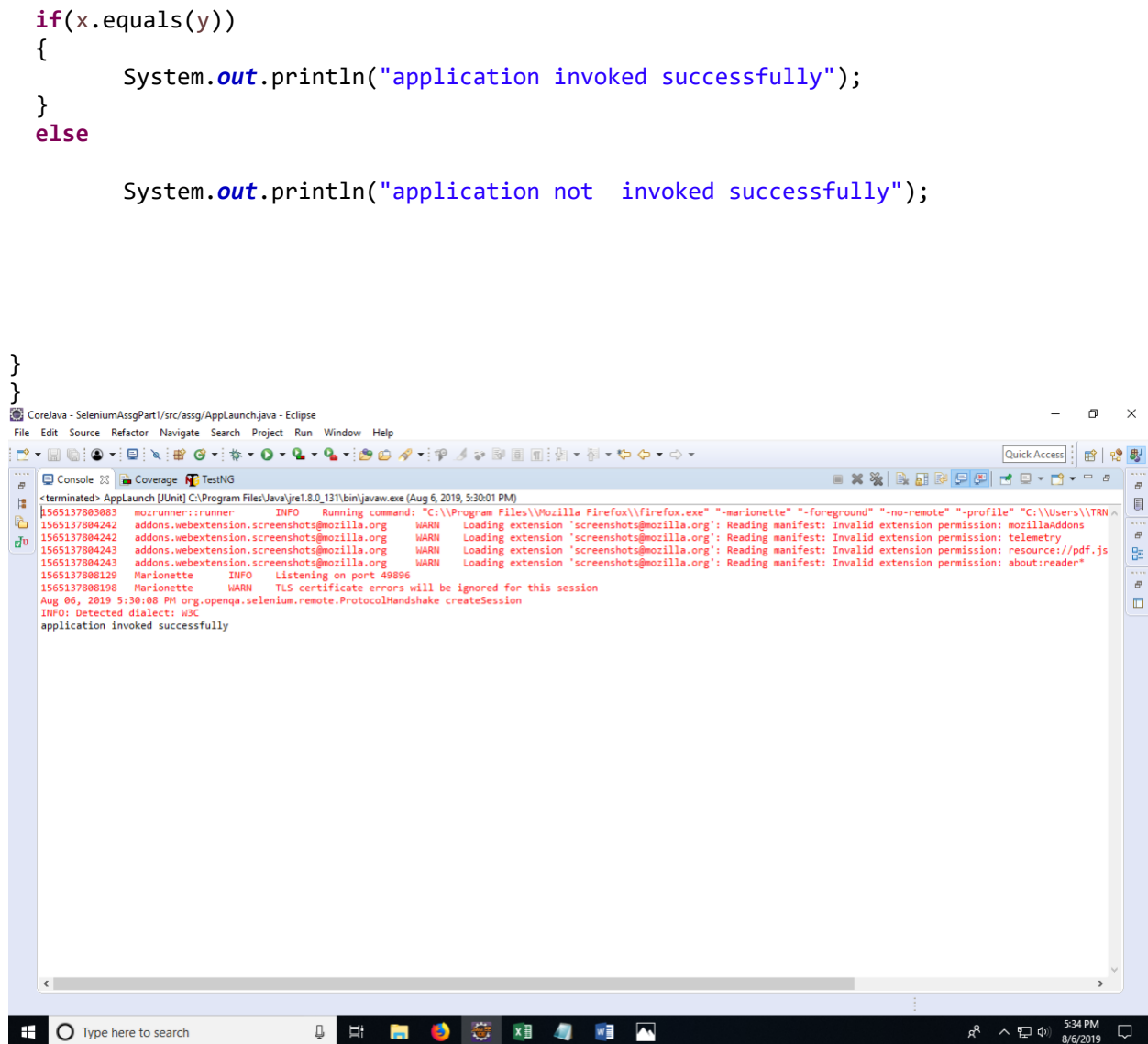
//Launch the opencart application in firefox browser using "demo.opencart.com" url.
//Validate whether the application has been invoked correctly
package assg;
import org.junit.Test;
import org.junit.Before;
import org.junit.After;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.is;
import static org.hamcrest.core.IsNot.not;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Alert;
import org.openqa.selenium.Keys;

public class AppLaunch {
public static void main(String args[])
{
    String s= "C:\\Users\\TRNG\\Downloads\\gecko\\geckodriver.exe";
    WebDriver driver;

    System.setProperty("webdriver.gecko.driver",s);
    driver = new FirefoxDriver();

    driver.get("https://demo.opencart.com/");

    // scenario 1 : to check if launched application is correct one or not :
APPLICATION VALIDATION
    String x=
driver.findElement(By.xpath("/html/body/header/div/div/div[1]/div/h1/a")).getText();
    String y="Your Store";
```



Scenario 1 output

Scenario - 2:

Count the number of images present in home page of opencart

Code:

```
//Scenario - 2:
```

```

//Count the number of images present in home page of opencart

package assg;
import org.junit.Test;
import org.junit.Before;
import org.junit.After;
import static org.junit.Assert.*;

import java.util.List;

import static org.hamcrest.CoreMatchers.is;
import static org.hamcrest.core.IsNot.not;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Alert;
import org.openqa.selenium.Keys;
public class CountofImg {
public static void main(String args[])
{

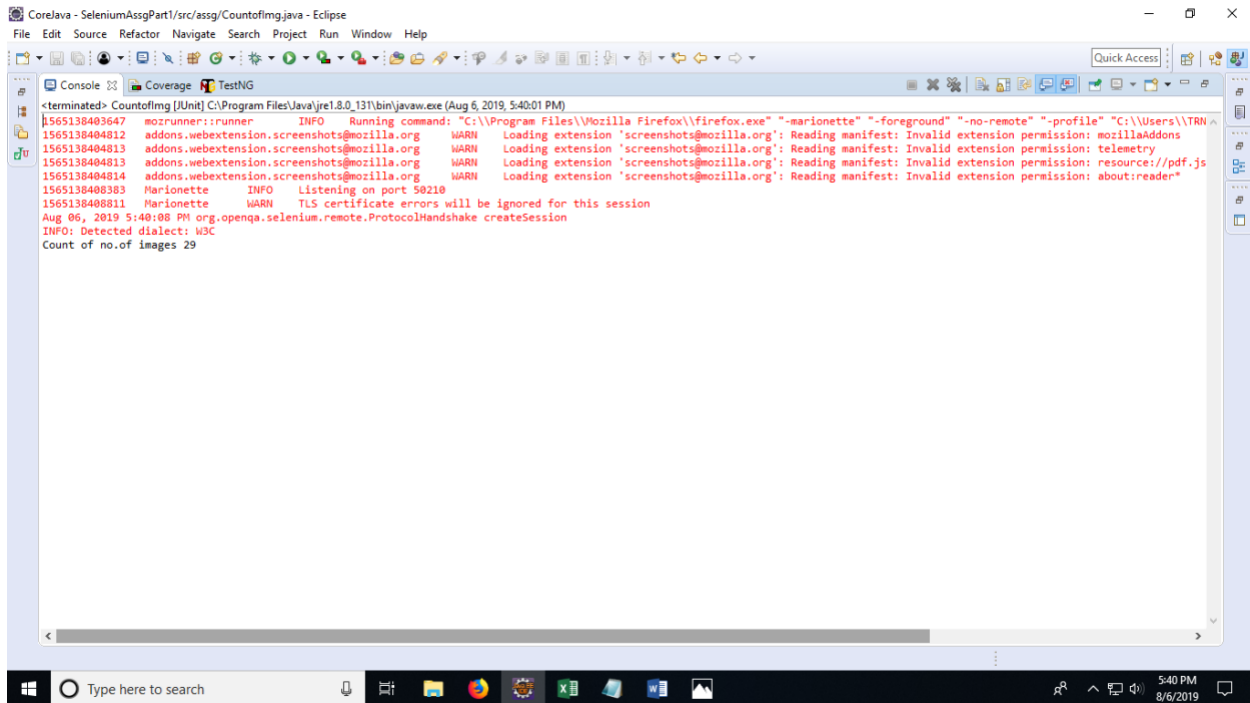
    String s= "C:\\\\Users\\\\TRNG\\\\Downloads\\\\gecko\\\\geckodriver.exe";
    WebDriver driver;

    System.setProperty("webdriver.gecko.driver",s);
    driver = new FirefoxDriver();

    driver.get("https://demo.opencart.com/");
    List<WebElement> L=driver.findElements(By.tagName("img"));
    System.out.println("Count of no.of images "+L.size());

}
}

```



Scenario 2 output

Scenario - 3:

Check whether the given phno in home page is 9980519955

Code:

```

//Scenario - 3:

//Check whether the given phno in home page is 9980519955
package assg;
import java.util.List;

import static org.hamcrest.CoreMatchers.is;
import static org.hamcrest.core.IsNot.not;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;

```

```

import org.openqa.selenium.JavascriptExecutor;
import org.junit.Before;
import org.junit.Test;
import org.openqa.selenium.Alert;
import org.openqa.selenium.Keys;

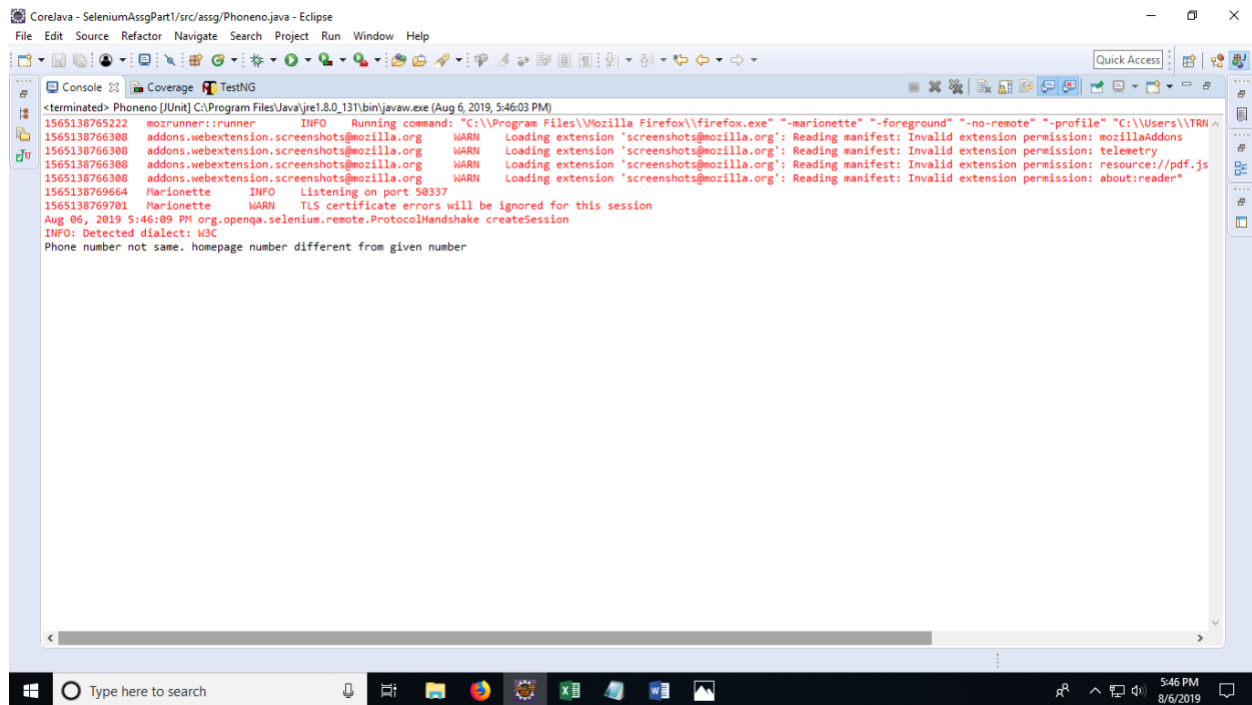
public class Phoneno {
    public static void main(String args[])
    {
        String s= "C:\\Users\\TRNG\\Downloads\\gecko\\geckodriver.exe";
        WebDriver driver;

        System.setProperty("webdriver.gecko.driver",s);
        driver = new FirefoxDriver();

        public void untitled() {
            driver.get("https://demo.opencart.com/");
            String
            str1=driver.findElement(By.xpath("/html/body/nav/div/div[2]/ul/li[1]/span")).getText(
            );
            String str2="9980519955";
            if(str1.equals(str2))
            {
                System.out.println("Phone number is same");
            }
            else

                System.out.println("Phone number not same. homepage number different from
given number");
            //driver.close();
        }
    }
}

```



Scenario 3 output

Scenario - 4

Login pre req:

Desktop -> Show all desktop -> Extract the price of Apple cinema 30.

Check whether its less than \$50.00// check if same or not

Code :

```
//Scenario - 3:
```

```
//Check whether the given phno in home page is 9980519955
```

```
package assg;
```

```
import java.util.List;
```

```
import static org.hamcrest.CoreMatchers.is;
```

```
import static org.hamcrest.core.IsNot.not;
```

```

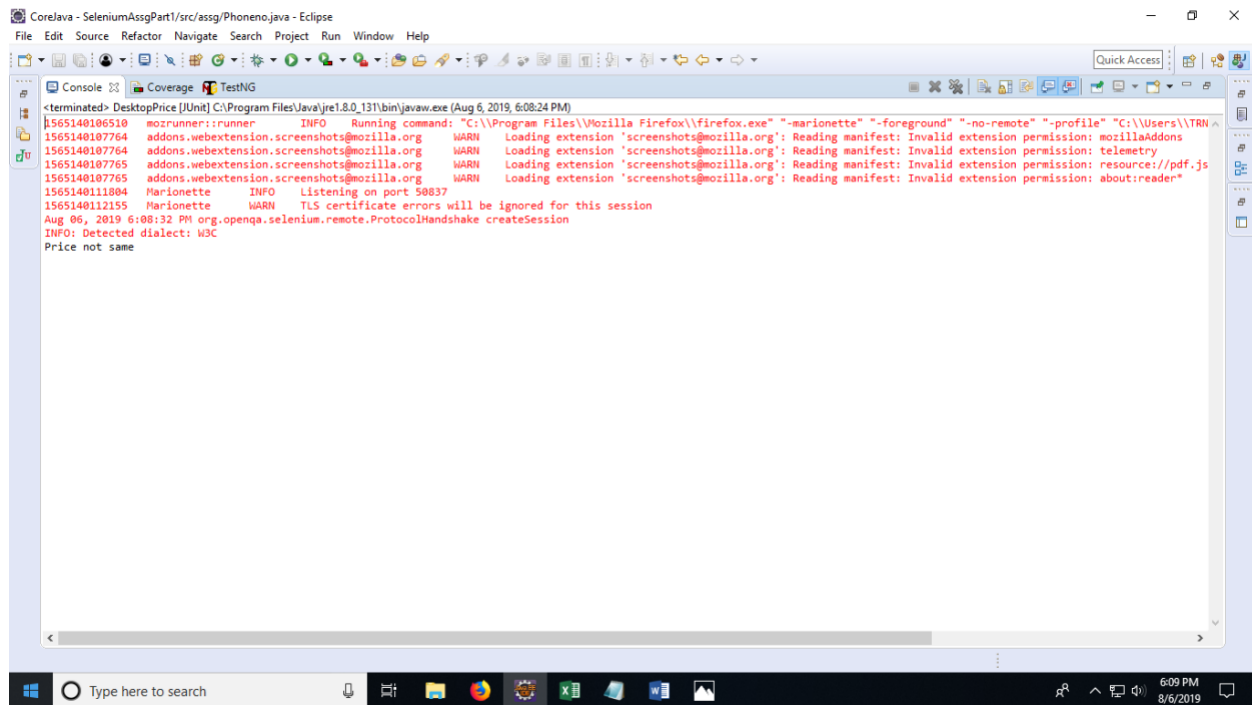
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.JavascriptExecutor;
import org.junit.Before;
import org.junit.Test;
import org.openqa.selenium.Alert;
import org.openqa.selenium.Keys;

public class Phoneno {
public static void main(String args[])
{
    String s= "C:\\\\Users\\\\TRNG\\\\Downloads\\\\gecko\\\\geckodriver.exe";
    WebDriver driver;
    System.setProperty("webdriver.gecko.driver",s);
    driver = new FirefoxDriver();

    driver.get("https://demo.opencart.com/");
    String
str1=driver.findElement(By.xpath("/html/body/nav/div/div[2]/ul/li[1]/span")).getText(
);
    String str2="9980519955";
    if(str1.equals(str2))
    {
        System.out.println("Phone number is same");
    }
    else

        System.out.println("Phone number not same. homepage number different from
given number");
    //driver.close();
}
}

```



Scenario 4 output

Scenario - 5;

Count the number of elements present in MyAccount

Code:

```
package assg;
import static org.hamcrest.CoreMatchers.is;
import static org.hamcrest.core.IsNot.not;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;
```



```

import org.opengqa.selenium.JavascriptExecutor;
import org.junit.Before;
import org.junit.Test;
import org.opengqa.selenium.Alert;
import org.opengqa.selenium.Keys;
public class MyAccount {
    public static void main(String args[])
    {
        String s= "C:\\\\Users\\TRNG\\Downloads\\gecko\\geckodriver.exe";
        WebDriver driver;

        System.setProperty("webdriver.gecko.driver",s);
        driver = new FirefoxDriver();

        driver.get("https://demo.opencart.com/");

        driver.findElement(By.xpath("/html/body/nav/div/div[2]/ul/li[2]/a/span[1]")).click();
        List<WebElement> L=driver.findElements(By.tagName("a"));
        System.out.println("Count of no.of elements in MyAccount along with
register and login "+L.size());
    }
}

```

The screenshot shows the Eclipse IDE interface with the following details:

- Console Output:**

```

<terminated> MyAccount [Java Application] C:\Program Files\Java\jre1.8.0_131\bin\java.exe (Aug 6, 2019, 6:28:28 PM)
1565141310267 mozrunner:runner INFO Running command: "C:\Program Files\Mozilla Firefox\firefox.exe" "-marionette" "-foreground" "-no-remote" "-profile" "C:\Users\TRNG\
1565141311305 addons.webextension.screenshots@mozilla.org WARN Loading extension 'screenshots@mozilla.org': Reading manifest: Invalid extension permission: mozillaAddons
1565141311305 addons.webextension.screenshots@mozilla.org WARN Loading extension 'screenshots@mozilla.org': Reading manifest: Invalid extension permission: telemetry
1565141311305 addons.webextension.screenshots@mozilla.org WARN Loading extension 'screenshots@mozilla.org': Reading manifest: Invalid extension permission: resource://pdf.js
1565141311306 addons.webextension.screenshots@mozilla.org WARN Loading extension 'screenshots@mozilla.org': Reading manifest: Invalid extension permission: about:reader*
1565141314408 Marionette INFO Listening on port 51336
1565141314744 Marionette WARN TLS certificate errors will be ignored for this session
Aug 06, 2019 6:28:34 PM org.opengqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
1565141323130 Marionette WARN TimedPromise timed out after 500 ms: stacktrace:
bail@chrome://marionette/content/sync.js:223:64
Count of no.of elements in MyAccount along with register and login 73

```
- IDE Interface:** The top part shows the Eclipse menu bar (File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help) and the toolbar. The bottom part shows the Windows taskbar with the search bar and several application icons.

Scenario 5 output

Scenario - 6:

Verify whether the user can able to change the password.

Code:

```
package assg;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class PasswordChange {
    public static void main(String args[])
    {
        String s= "C:\\Users\\TRNG\\Downloads\\gecko\\geckodriver.exe";
        WebDriver driver;

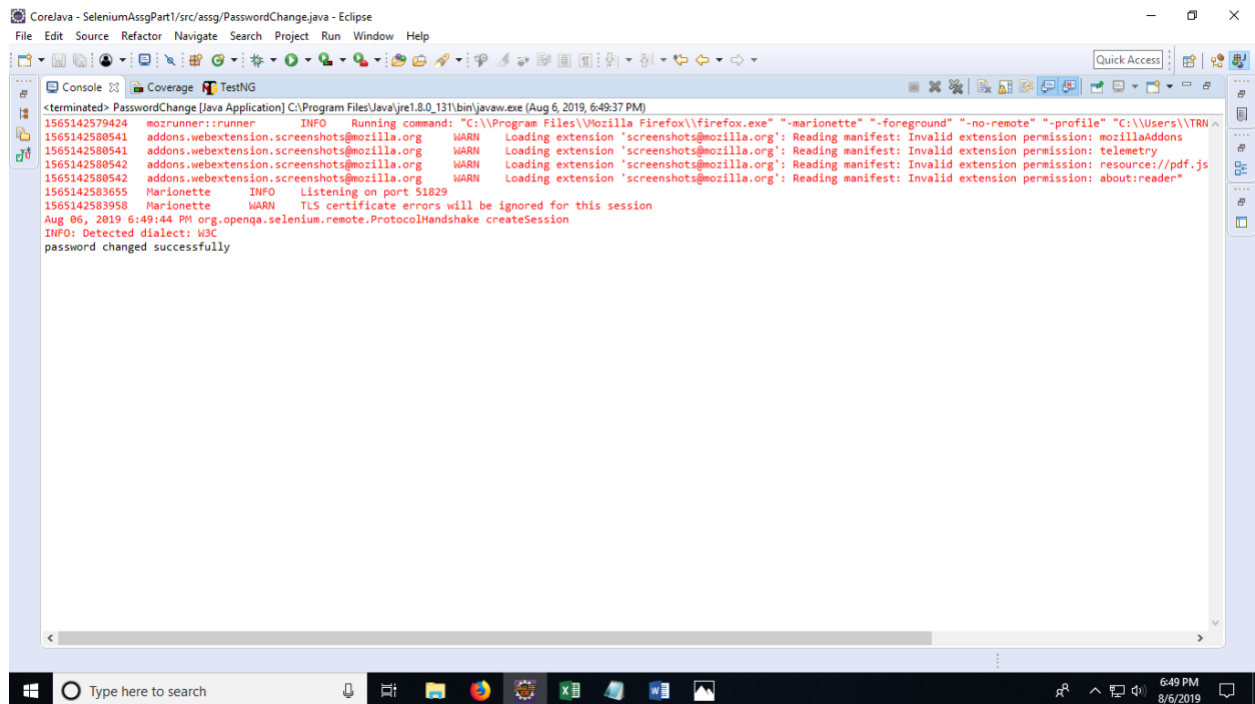
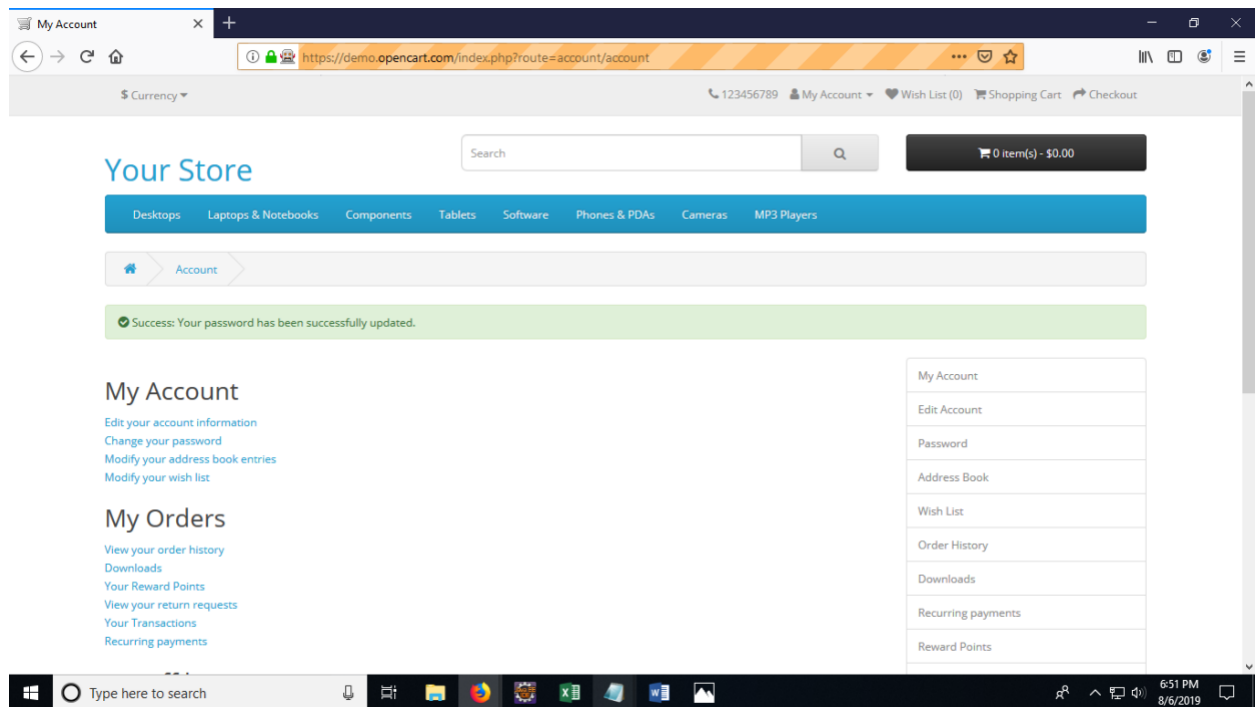
        System.setProperty("webdriver.gecko.driver",s);
        driver = new FirefoxDriver();
        driver.get("https://demo.opencart.com/index.php?route=account/login");
        driver.findElement(By.id("input-email")).click();
        driver.findElement(By.id("input-
email")).sendKeys("gayathrisiri1314@gmail.com");
        //login functionality
        driver.findElement(By.id("input-password")).click();
        driver.findElement(By.id("input-password")).sendKeys("ssssssss");

        driver.findElement(By.xpath("/html/body/div[2]/div/div/div/div[2]/div/form/input")).c
        lick();
        // password change

        driver.findElement(By.xpath("/html/body/div[2]/div/aside/div/a[3]")).click();
        driver.findElement(By.xpath("//*[@id=\"input-
password\"]")).sendKeys("ggggggggg");
        driver.findElement(By.xpath("//*[@id=\"input-
confirm\"]")).sendKeys("ggggggggg");

        driver.findElement(By.xpath("/html/body/div[2]/div/div/form/div/div[2]/input")).click
        ();
        System.out.println("password changed successfully");

    }
}
```



Scenario 6 outputs