**Automate the Web Application**

**Login.java**

package pack;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Login

{

public static void main( String[] args )

{

WebDriver d = new ChromeDriver();

d.manage().window().maximize();

d.get("http://localhost/Login%20Page/login.php");

d.findElement(By.id("username")).sendKeys("man");

d.findElement(By.id("pass")).sendKeys("man123");

d.findElement(By.xpath("/html/body/div[1]/div/div/div[1]/h2[2]/form/button")).click();

}

}

**Register.java**

package pack;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Register {

public static void main(String[] args) {

WebDriver d = new ChromeDriver();

d.manage().window().maximize();

d.get("http://localhost/Login%20Page/login.php");

d.findElement(By.id("regname")).sendKeys("man");

d.findElement(By.id("password")).sendKeys("man123");

d.findElement(By.id("email")).sendKeys("man123@gmail.com");

d.findElement(By.id("phno")).sendKeys("7529638412");

d.findElement(By.xpath("/html/body/div[1]/div/div/div[2]/h2[2]/form/button")).click();

}

}

**Web.xml**

<!DOCTYPE web-app PUBLIC

"-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"

"http://java.sun.com/dtd/web-app\_2\_3.dtd" >

<web-app>

<display-name>Archetype Created Web Application</display-name>

</web-app>

**Index.html**

<html>

<body>

<h2>Hello World!</h2>

</body>

</html>

**Apptest.java**

package test;

import junit.framework.Test;

import junit.framework.TestCase;

import junit.framework.TestSuite;

/\*\*

\* Unit test for simple App.

\*/

public class AppTest

extends TestCase

{

/\*\*

\* Create the test case

\*

\* @param testName name of the test case

\*/

public AppTest( String testName )

{

super( testName );

}

/\*\*

\* @return the suite of tests being tested

\*/

public static Test suite()

{

return new TestSuite( AppTest.class );

}

/\*\*

\* Rigourous Test :-)

\*/

public void testApp()

{

assertTrue( true );

}

}

**Pom.xml**

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>1</groupId>

<artifactId>WebappAutomation1</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>war</packaging>

<name>WebappAutomation1 Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://maven.apache.org</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.7</maven.compiler.source>

<maven.compiler.target>1.7</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>3.141.59</version>

</dependency>

</dependencies>

<build>

<finalName>WebappAutomation1</finalName>

<pluginManagement><!-- lock down plugins versions to avoid using Maven defaults (may be moved to parent pom) -->

<plugins>

<plugin>

<artifactId>maven-clean-plugin</artifactId>

<version>3.1.0</version>

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin\_bindings\_for\_war\_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.1</version>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

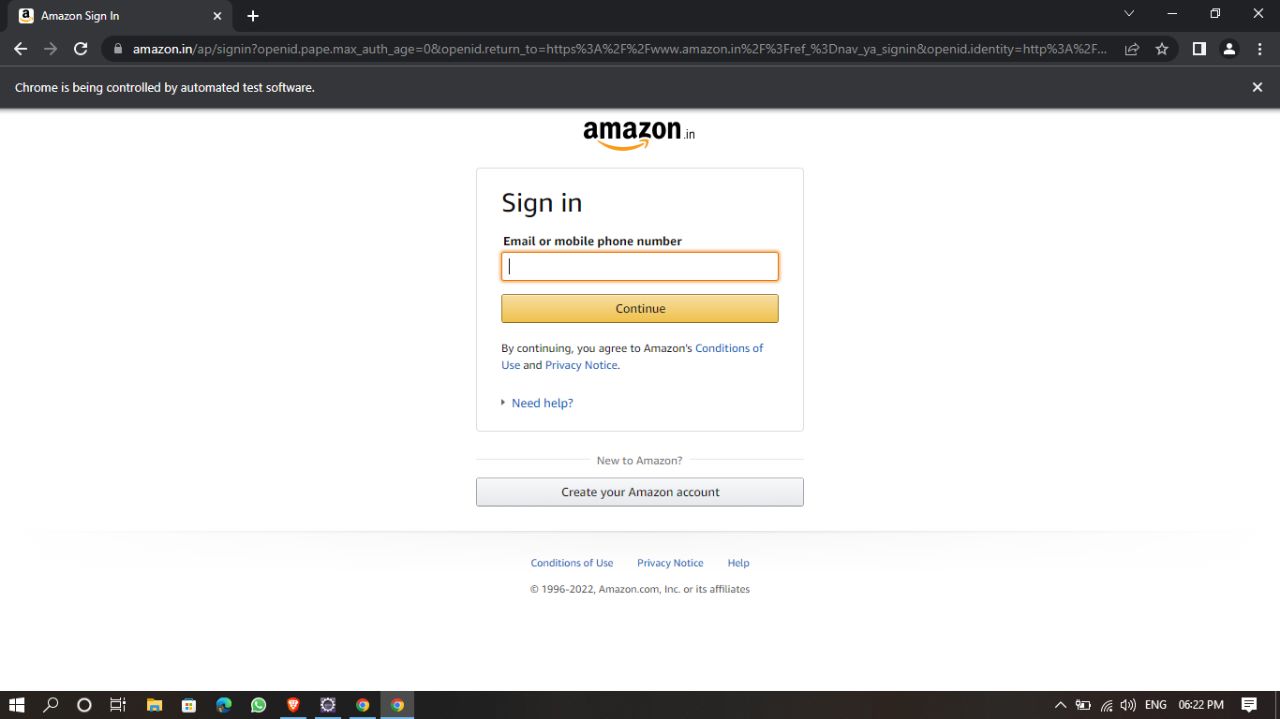
</plugins>

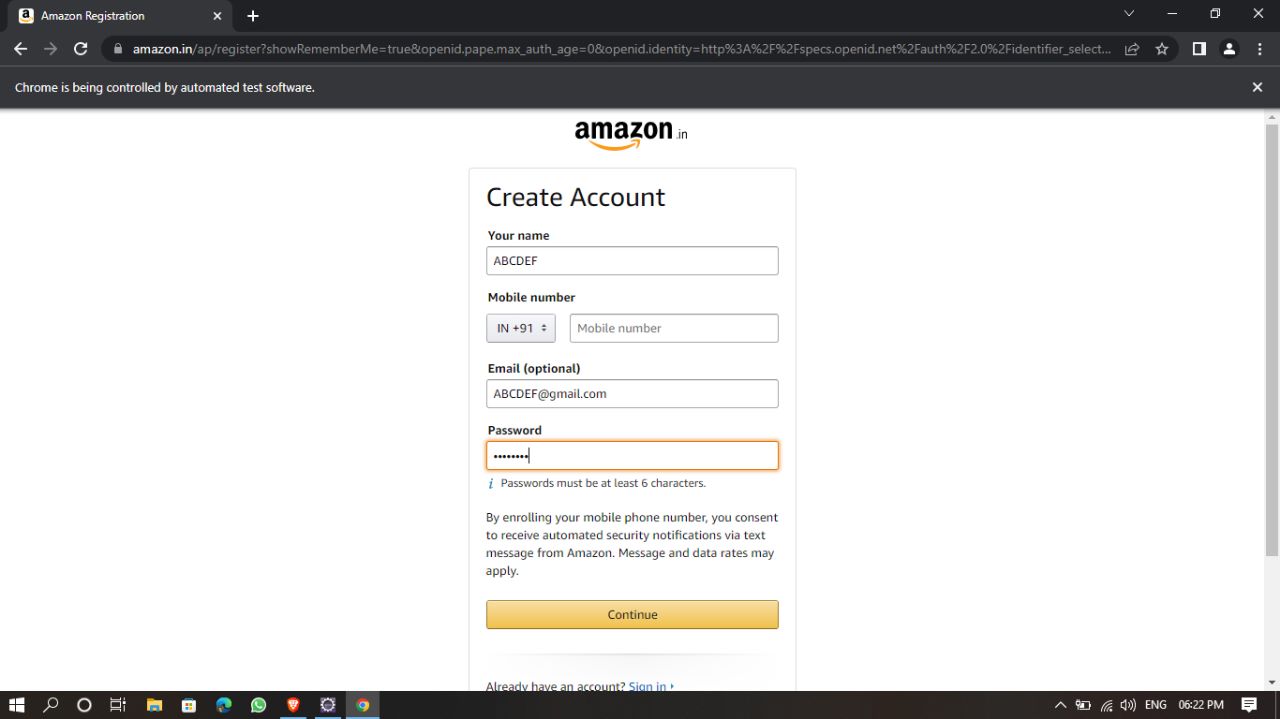
</pluginManagement>

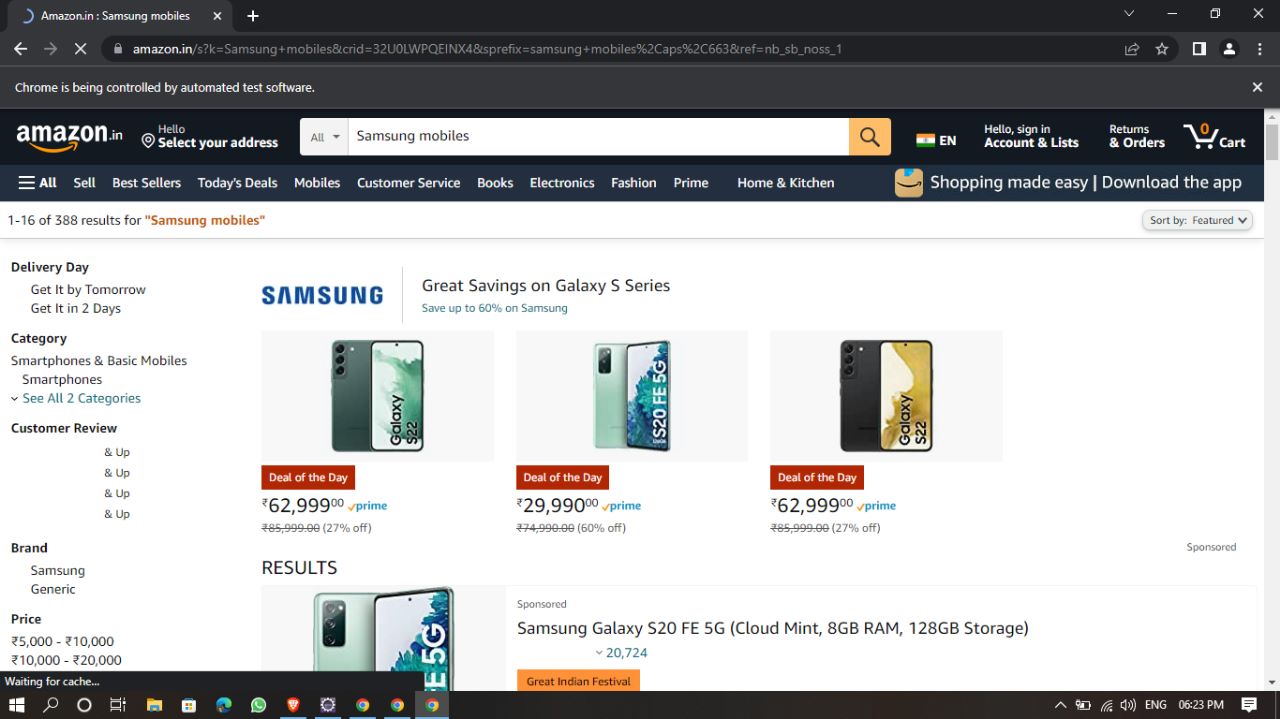
</build>

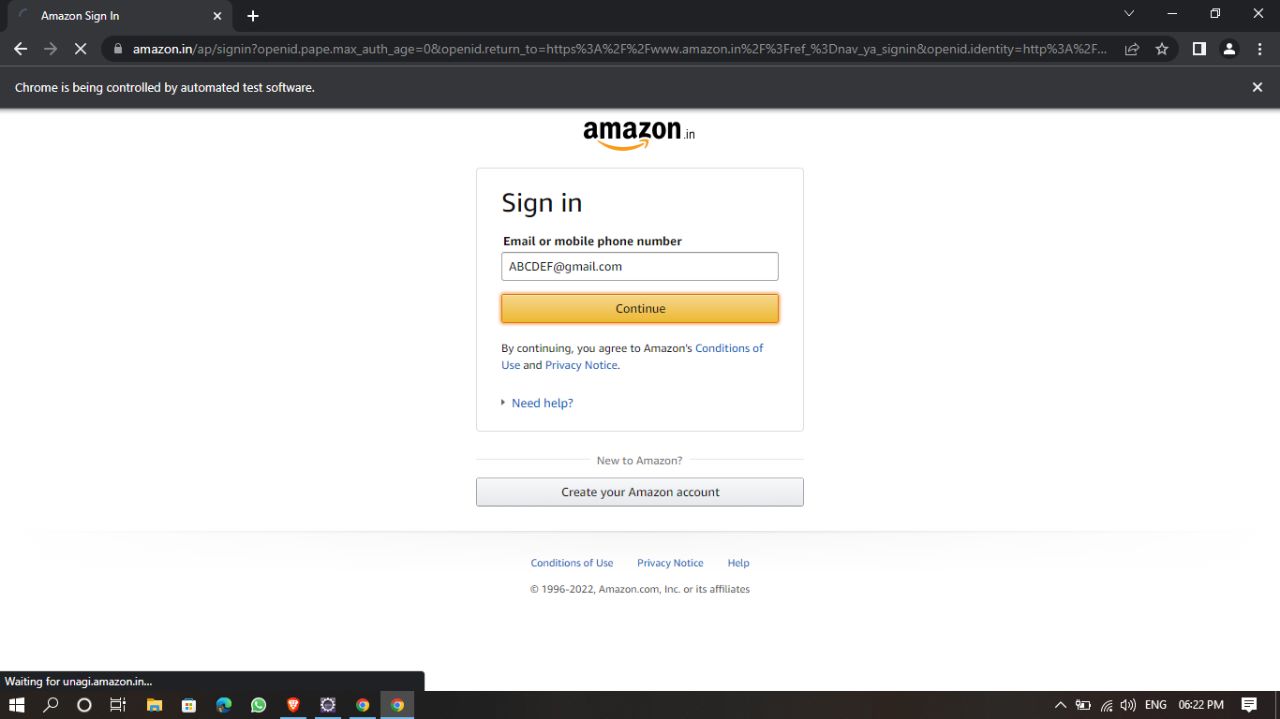
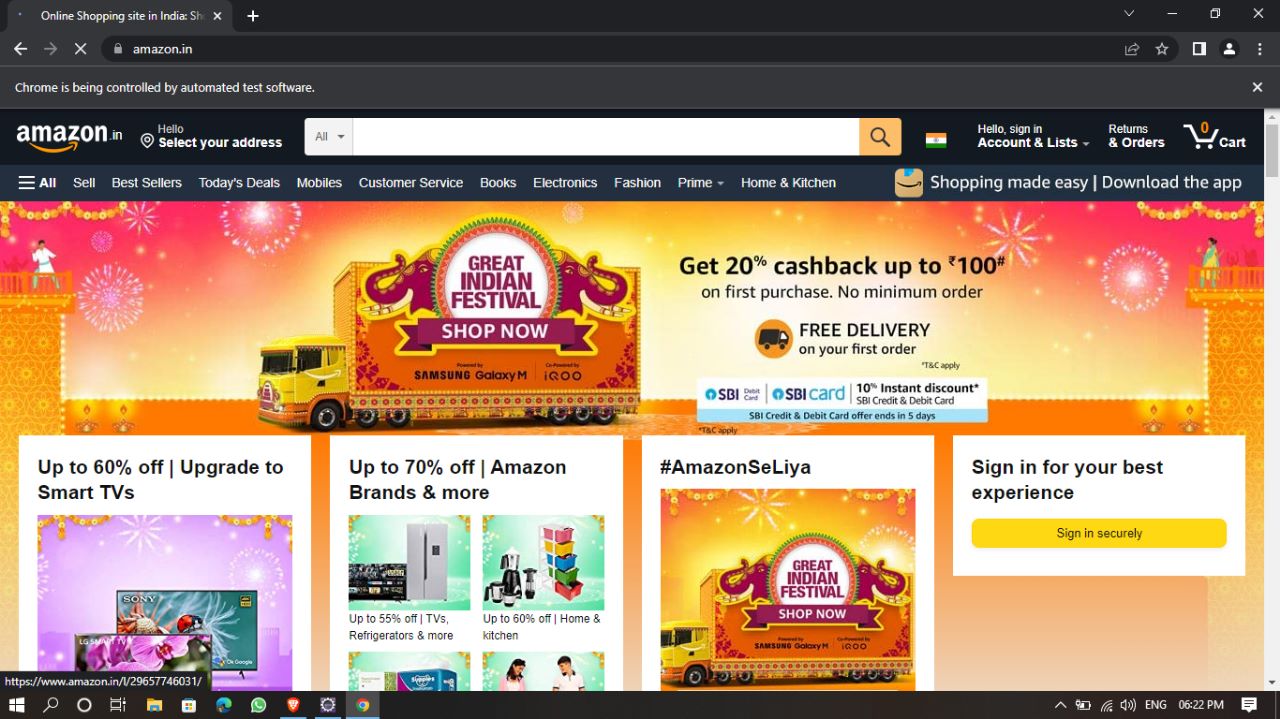
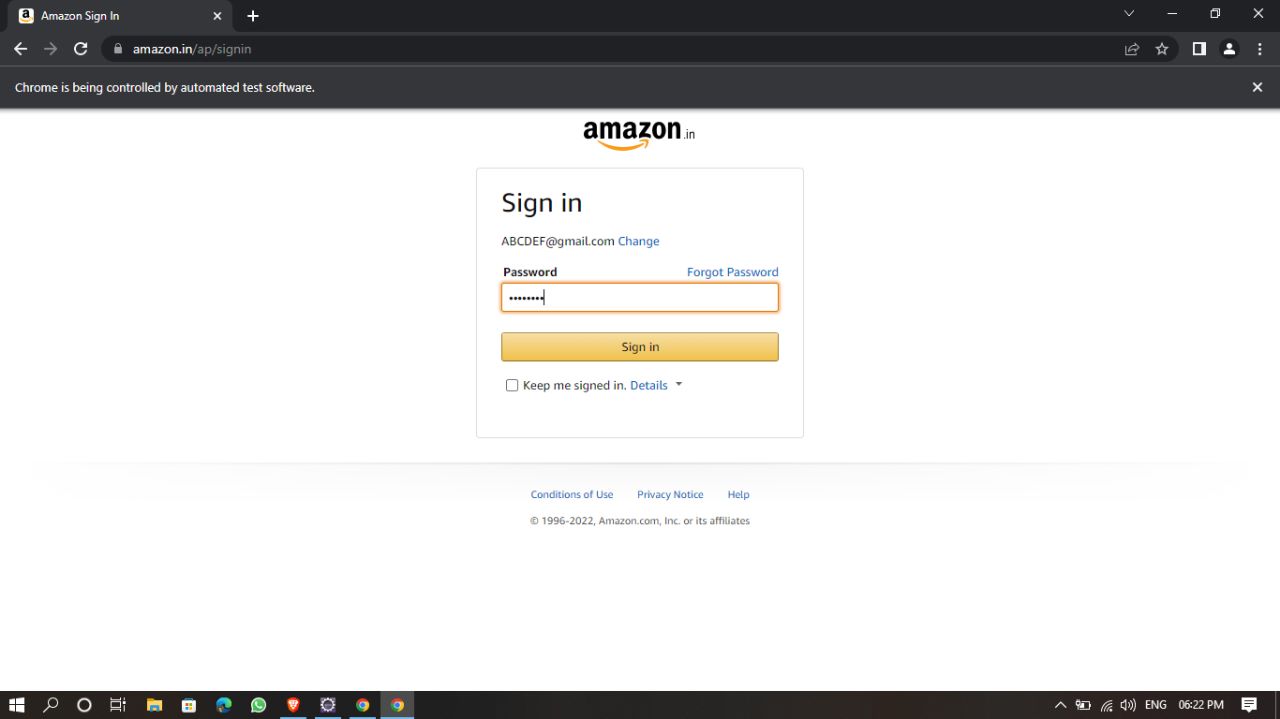
</project>

**Output Screenshot**

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