**Simplilearn**

**Practise Assement 2: Automation of web page**

**Use the website link given to you and automate different functionalities for the same. Create a new project and include all the dependencies in the class path. Create a Java class that will contain your automation and test scripts. Run the project using TestNG.**

**Source Code**

**HomePage.java**

package com.TestNG;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

public class HomePageTest {

WebDriver driver;

@BeforeMethod

public void setUp() {

driver = new ChromeDriver();

driver.manage().timeouts().pageLoadTimeout(50, TimeUnit.SECONDS);

driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);

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

driver.manage().deleteAllCookies();

driver.get("https://www.amazon.in/");

}

@Test(priority=1)

public void clickOnSearch() {

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("puma");

WebElement wd=driver.findElement(By.id("nav-search-submit-button"));

wd.click();

}

}

**TestFile**

**AppTest.java**

package com.TestNG;

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**

package com.TestNG;

import junit.framework.Test;

import junit.framework.TestCase;

import junit.framework.TestSuite;

/\*\*

\* Unit test for simple App.

\*/

public class AppTest

extends TestCase

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public static Test suite()

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return new TestSuite( AppTest.class );

}

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\* Rigourous Test :-)

\*/

public void testApp()

{

assertTrue( true );

}

}

TestNg

**Project2.xml**

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

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="Suite">

<test thread-count="5" name="Test">

<classes>

<class name="com.TestNG.HomePageTest"/>

<class name="com.TestNG.AppTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->