

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

AmazoneTest.java

```
package com.Test;
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 AmazoneTest {
    WebDriver driver;
    @BeforeMethod
    public void setUp() {
        String path = "C:\\\\Testing files\\chromedriver_win32\\chromedriver.exe";
        System.setProperty("webdriver.chrome.driver", path);
        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/");
        driver.findElement(By.id("nav-link-accountList-nav-line-1")).click();
        WebElement mail = driver.findElement(By.id("ap_email"));
        mail.sendKeys("ramaniprasadcherala1999@gmail.com");
    }
}
```

```

        mail.submit();
        WebElement password = driver.findElement(By.id("ap_password"));
        password.sendKeys("hgjvhvv");
        driver.findElement(By.id("signInSubmit")).click();

    }

    @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 );
    }

    /**
     * Rigorous 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
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    /**

```

```

    * Create the test case
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    * @param testName name of the test case
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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 -->

```

