

## Phase5-practice project

Automate the web application(testNG)

Source code

Program1:

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;
public class Program1 {
    WebDriver driver;

    @BeforeMethod
    public void setUp()
    {
        System.setProperty("webdriver.chrome.driver",
"C:\\selenium\\chromedriver_win32\\chromedriver.exe");
        driver=new ChromeDriver();
        driver.get("https://amazon.in");
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
    }
}
```

```
@Test
```

```
public void verifyTitle()
```

```
{
```

```
String actualTitle=driver.getTitle();
```

```
String expectedTitle="Online Shopping site in India: Shop Online  
for Mobiles, Books, Watches, Shoes and More - Amazon.in";
```

```
Assert.assertEquals(actualTitle, expectedTitle);
```

```
}
```

```
@Test
```

```
public void verifyLogo()
```

```
{
```

```
boolean
```

```
flag=driver.findElement(By.xpath("//a[@id='nav-logo-sprites']")).isDisplay  
ed();
```

```
Assert.assertTrue(flag);
```

```
}
```

```
@AfterMethod
```

```
public void tearDown()
```

```
{
```

```
driver.quit();
```

```
}  
}
```

Pom.xml:

```
<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  
    https://maven.apache.org/xsd/maven-4.0.0.xsd">  
  <modelVersion>4.0.0</modelVersion>  
  <groupId>MiniProject2</groupId>  
  <artifactId>MiniProject2</artifactId>  
  <version>0.0.1-SNAPSHOT</version>  
  
  <dependencies>  
  
    <!--  
    https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-jav  
    a -->  
    <dependency>  
      <groupId>org.seleniumhq.selenium</groupId>  
      <artifactId>selenium-java</artifactId>  
      <version>4.3.0</version>  
    </dependency>  
  
  </dependencies>
```

```
<build>
  <sourceDirectory>src</sourceDirectory>
  <plugins>
    <plugin>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>3.8.1</version>
      <configuration>
        <release>16</release>
      </configuration>
    </plugin>
  </plugins>
</build>
</project>
```

Testing.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
  <test name="Test">

    <classes>
      <class name="mytest.Program1"></class>
    </classes>
```

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

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