

# Automate a Web Application – TestNG

## SourceCode:

```
package com.example;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.Test;

public class NewTest {

    @Test

    public void f() throws InterruptedException {

        //register the webdriver =>browser vendor
        WebDriverManager.chromedriver().setup();

        //creating an object to the object
        WebDriver wd=new ChromeDriver();

        //maximize the browser
```

```
wd.manage().window().maximize();
```

```
//go to browser and open this url
```

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

```
//supply any data
```

```
wd.findElement(By.id("twotabsearchtextbox")).sendKeys("samsung");
```

```
//nav-search-submit-button
```

```
wd.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
```

```
//close browser
```

```
Thread.sleep(2000);
```

```
wd.close();
```

```
}
```

```
}
```

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
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>AutomateWebApplication-selenium1</groupId>
```

```

<artifactId>AutomateWebApplication-selenium1</artifactId>
<version>0.0.1-SNAPSHOT</version>
<packaging>jar</packaging>

<name>AutomateWebApplication-selenium1</name>
<url>http://maven.apache.org</url>

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

<dependencies>
  <!--
https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->
<dependency>
  <groupId>io.github.bonigarcia</groupId>
  <artifactId>webdrivermanager</artifactId>
  <version>5.6.2</version>
</dependency>

  <!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->
<dependency>
  <groupId>org.seleniumhq.selenium</groupId>
  <artifactId>selenium-java</artifactId>
  <version>3.141.59</version>
</dependency>

  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>3.8.1</version>
    <scope>test</scope>
  </dependency>
</dependencies>
</project>

```