Automate a Web Application – selenium

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

```java
        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:

```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>
```

```xml
    <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>
```