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

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>