**SourceCode:**

**package** lesson3TDD;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.Test;

**public** **class** TestELearning {

// write a test case with an assumption that we have a login button on the

// https://www.simplilearn.com/ portal

@Test

**public** **void** testelearning()

{

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.simplilearn.com/");

String actualtitle = driver.getTitle();

String expectedttile = "Simplilearn | Online Courses - Bootcamp & Certification Platform";

Assert.*assertEquals*(actualtitle, expectedttile);

// developer will write locator for login button with an assumption of attribites will be same in the code

driver.findElement(By.*xpath*("//a[normalize-space()='Log in']")).click();

String actualtitlePage = driver.getTitle();

// correct the code and test case will pass

String expectedtitlepage = "Login | Learning on Simplilearn";

Assert.*assertEquals*(actualtitlePage, expectedtitlepage);

driver.close();

}

}

**POM.xml**

<dependencies>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.11.0</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.4.1</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.testng/testng -->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.7.1</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>3.8.1</version>

<scope>test</scope>

</dependency>

</dependencies>