Phase 5

Lesson 1 project

**Automate a Web Application**

**Code:**

Create a mvn project:

**package: selenium**

**Class : seldemo.java**

package selenium;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.edge.EdgeDriver;

public class seldemo {

public static void main(String[] args) {

// TODO Auto-generated method stub

System.out.println("hello world");

// System.setProperty("webdriver.chrome.driver","C:\\Users\\Dell\\Desktop\\browser drivers\\chromedriver\_win32\\chromedriver.exe");

// ChromeDriver driver = new ChromeDriver();

System.setProperty("webdriver.edge.driver", "C:\\Users\\Dell\\Desktop\\browser drivers\\edgedriver\_win32\\msedgedriver.exe");

WebDriver driver1 = new EdgeDriver();

// driver.get("http://localhost:4200/");

driver1.get("http://simplilearn.com");

System.out.println(driver1.getTitle());

System.out.println(driver1.getCurrentUrl());

// To quit the browser

// driver.quit();

}

}

**package: selenium**

**Class : testphptravel.java**

**package** selenium;

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

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

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

**import** org.openqa.selenium.edge.EdgeDriver;

**import** org.testng.Assert;

**public** **class** testphptravel {

**public** **static** **void** main(String[] args) **throws** InterruptedException {

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\Dell\\Desktop\\browser drivers\\chromedriver\_win32\\chromedriver.exe");

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

*loginFlow*(driver1);

Thread.*sleep*(100);

*testWalletBalance*(driver1);

// driver.quit();

}

**public** **static** **void** loginFlow(WebDriver driver1) **throws** InterruptedException {

driver1.get("https://www.phptravels.net");

driver1.findElement(By.*linkText*("Login")).click();

Thread.*sleep*(500);

driver1.findElement(By.*name*("email")).sendKeys("user@phptravels.com");

driver1.findElement(By.*name*("password")).sendKeys("demouser");

driver1.findElement(By.*cssSelector*("button[type='']")).click();

}

**public** **static** **void** testWalletBalance(WebDriver driver1) {

String walletText = driver1.findElement(By.*xpath*("//div[contains(@class,'user\_wallet')]/div/div/div[2]/h4")).getText();

System.***out***.println(walletText);

String walletCurrency = walletText.split(" ")[0];

String walletAmount = walletText.split(" ")[1];

Assert.*assertEquals*("USD", walletCurrency);

Assert.*assertEquals*("1500", walletAmount);

}

}

**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>sel-intro</groupId>

<artifactId>sel-intro</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->

<dependency>

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

<artifactId>selenium-java</artifactId>

<version>4.1.2</version>

</dependency>

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

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.5</version>

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<build>

<sourceDirectory>src</sourceDirectory>

<plugins>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.1</version>

<configuration>

<release>11</release>

</configuration>

</plugin>

</plugins>

</build>

</project>