***SOURCE CODE :***

package com.app.automation.junit;

import org.junit.jupiter.api.AfterEach;

import org.junit.jupiter.api.BeforeEach;

import org.junit.jupiter.api.Test;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import static org.junit.jupiter.api.Assertions.assertEquals;

public class FacebookViaJunit {

WebDriver driver;

@BeforeEach

public void setUp() {

// Initialize ChromeDriver

driver = new ChromeDriver();

}

@Test

public void testFacebookLogin() throws InterruptedException {

WebDriver driver=new ChromeDriver();

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

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

WebElement usernameInput = driver.findElement(By.xpath("//input[@id='email']"));

usernameInput.sendKeys("Your email");

Thread.sleep(2000);

WebElement passwordInput = driver.findElement(By.xpath("//input[@id='pass']"));

passwordInput.sendKeys("Your pass");

Thread.sleep(2000);

WebElement loginButton = driver.findElement(By.xpath("//button[@name='login']"));

loginButton.click();

WebElement text = driver.findElement(By.xpath("//div[@class='x78zum5 xdt5ytf x1iyjqo2 x1n2onr6'][1]/descendant::div[@data-visualcompletion='ignore-dynamic'][1]"));

String actualText = text.getText();

System.out.println( actualText);

String expectedText = "Utkarsh Sharma";

assertEquals(expectedText, actualText);

}

@AfterEach

public void tearDown() {

// Close the browser

driver.quit();

}

}

***POM.XML FILE***

<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">

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<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- https://mvnrepository.com/artifact/org.junit.jupiter/junit-jupiter-api -->

<dependency>

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<version>5.9.3</version>

<scope>test</scope>

</dependency>

<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>4.4.3</version>

</dependency>

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</project>