Running Tests on Selenium Grid on Multiple Browsers

GridDemo.java

```java
package com.Practice;

import java.net.MalformedURLException;
import java.net.URL;
import org.openqa.selenium.Platform;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.remote.DesiredCapabilities;
import org.openqa.selenium.remote.RemoteWebDriver;
import org.testng.Assert;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

public class GridDemo {
        WebDriver driver;

        @BeforeTest
        public void launchApplication() throws MalformedURLException {
                DesiredCapabilities cap = new DesiredCapabilities();
                cap.setBrowserName("chrome");
                cap.setPlatform(Platform.WINDOWS);
                driver = new RemoteWebDriver(new URL("http://localhost:4444/wd/hub"), cap);
                driver.get("https://facebook.com");
        }
```
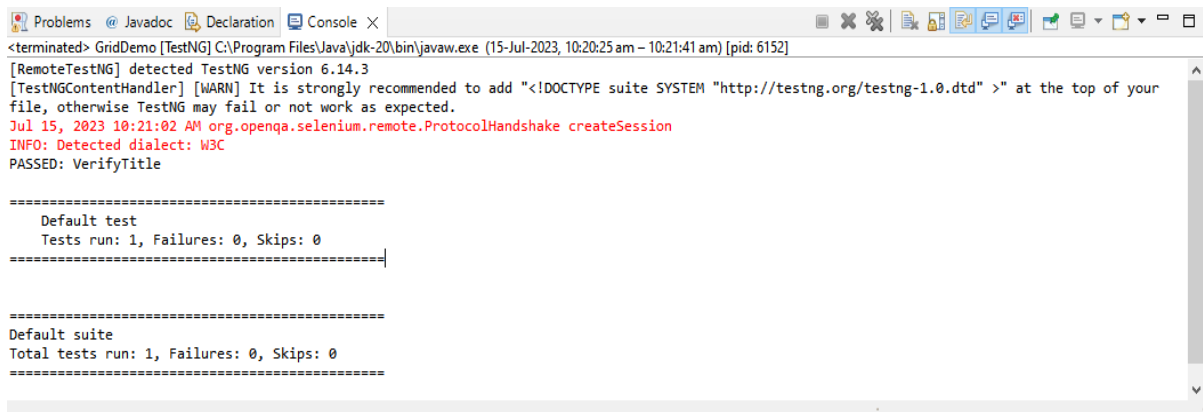
```java
        @Test

        public void VerifyTitle() {

                String expectedTitle = "Facebook – log in or sign up";

                String actualTitle = driver.getTitle();

                Assert.assertEquals(actualTitle, expectedTitle);

        }


        @AfterTest

        public void closeBrowser() {

                driver.quit();

        }
    }
```

Output:


```
[RemoteTestNG] detected TestNG version 6.14.3
[TestNGContentHandler] [WARN] It is strongly recommended to add "<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd" >" at the top of your
file, otherwise TestNG may fail or not work as expected.
Jul 15, 2023 10:21:02 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
PASSED: VerifyTitle


===============================================
    Default test
    Tests run: 1, Failures: 0, Skips: 0
===============================================



===============================================
Default suite
Total tests run: 1, Failures: 0, Skips: 0
===============================================
```