Aim To perform the Soft assertion it is not stop the execution if any error find it smoothly execute the complete program after display the error at the end

Code:

```java
package com.app.TestNGScripts;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeClass;
import org.testng.annotations.Test;
import org.testng.asserts.SoftAssert;

public class SoftAssertion {
    WebDriver driver;
    @BeforeClass
    public void openBrowser()
    {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://tutorialsninja.com/demo/");
    }
    @Test(priority='1')

    public void GetTitle()    // Called as a Test Method
    {
        SoftAssert sf = new SoftAssert();
        String expectedtitle = "Your Store selenium";
        String actualtitle = driver.getTitle();
        sf.assertEquals(actualtitle, expectedtitle, "The title donot match");
    boolean searchbox =  driver.findElement(By.name("search")).isDisplayed();
    searchbox = false;
    sf.assertTrue(searchbox); //captures the assertion and it will continue to
run the program
    driver.findElement(By.name("search")).sendKeys("mac");
    driver.findElement(By.xpath("//button[@class='btn btn-default btn-
lg']")).click();
    sf.assertAll();
    }
}
```

Output:

Search - mac

tutorialsninja.com/demo/index.php?route=product/search&search=mac

Chrome is being controlled by automated test software.

$ Currency ▾   📞 123456789 👤 My Account ▾ ♥ Wish List (0) 🛒 Shopping Cart ↱ Checkout

Qafox.com

mac   🔍   🛒 0 item(s) - $0.00

Desktops   Laptops & Notebooks   Components   Tablets   Software   Phones & PDAs   Cameras   MP3 Players

🏠 > Search

Search - mac

Search Criteria

mac   All Categories ▾   ☐ Search in subcategories
☐ Search in product descriptions

Search

Products meeting the search criteria

☰ ▦   Product Compare (0)   Sort By: Default ▾   Show: 20 ▾

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eclipse-workspace - testngsample/src/test/java/com/app/TestNGScripts/SoftAssertion.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

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package com.app.TestNGScripts;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeClass;
import org.testng.annotations.Test;
import org.testng.asserts.SoftAssert;
// Run ALL
public class SoftAssertion {
    WebDriver driver;
    @BeforeClass
    public void openBrowser()
    {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://tutorialsninja.com/demo/");
    }
```

Problems Javadoc Declaration Console × Results of running class SoftAssertion

<terminated> SoftAssertion [TestNG] C:\Users\siva reddy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (08-Oct-2023, 11:56:45 am – 11:56:53 am) [pid: 12000]

```
    at org.testng.SuiteRunnerWorker.runSuite(SuiteRunnerWorker.java:55)
    at org.testng.SuiteRunnerWorker.run(SuiteRunnerWorker.java:96)
    at org.testng.TestNG.runSuitesSequentially(TestNG.java:1212)
    at org.testng.TestNG.runSuitesLocally(TestNG.java:1134)
    at org.testng.TestNG.runSuites(TestNG.java:1063)
    at org.testng.TestNG.run(TestNG.java:1031)
    at org.testng.remote.AbstractRemoteTestNG.run(AbstractRemoteTestNG.java:115)
    at org.testng.remote.RemoteTestNG.initAndRun(RemoteTestNG.java:251)
    at org.testng.remote.RemoteTestNG.main(RemoteTestNG.java:77)


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


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

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