

Code:

```
package url4;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.testng.Assert;

public class Url_checker {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        WebDriver driver = new FirefoxDriver();
        driver.get("https://www.saucedemo.com/");

        String expectedTitle = "Swag Labsss";
        String actualTitle = driver.getTitle();
        System.out.println(actualTitle);

        if(actualTitle.equals(expectedTitle))
        {
            System.out.println("URL Matched!");
        }
        else
        {
            System.out.println("URL not Matched!");
        }

        //URL Matching using Assert

        Assert.assertEquals(actualTitle, expectedTitle);
    }
}
```

Output:

1. Code Execution Output

```
1 package url4;
2 import org.openqa.selenium.WebDriver;
3 import org.openqa.selenium.firefox.FirefoxDriver;
4 import org.testng.Assert;
5
6 public class Url_checker {
7
8     public static void main(String[] args) {
9         // TODO Auto-generated method stub
10
11         WebDriver driver = new FirefoxDriver();
12         driver.get("https://www.saucedemo.com/");
13
14         String expectedTitle = "Swag Labs";
15         String actualTitle = driver.getTitle();
16         System.out.println(actualTitle);
17
18         if(actualTitle.equals(expectedTitle))
19         {
20             System.out.println("URL Matched!");
21         }
22         else
23         {
24             System.out.println("URL not Matched!");
25         }
26         //URL Matching using Assert
27         Assert.assertEquals(actualTitle, expectedTitle);
28     }
29 }
```

2. When URL does not match

```
Jan 19, 2024 1:41:26 AM org.openqa.selenium.remote.service.DriverService$Builder getLogOutput
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#set
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Swag Labs
URL not Matched!
Exception in thread "main" java.lang.AssertionError: expected [Swag Labsss] but found [Swag Labs]
    at org.testng.Assert.fail(Assert.java:111)
    at org.testng.Assert.failNotEquals(Assert.java:1578)
    at org.testng.Assert.assertEqualsImpl(Assert.java:150)
    at org.testng.Assert.assertEquals(Assert.java:132)
    at org.testng.Assert.assertEquals(Assert.java:656)
    at org.testng.Assert.assertEquals(Assert.java:666)
    at url4.Url_checker.main(Url_checker.java:30)
```

3. When URL matches

```
<terminated> Url_checker (1) [Java Application] C:\Users\HP\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 19, 2024, 1:46:48 AM)
Jan 19, 2024 1:46:48 AM org.openqa.selenium.remote.service.DriverService$Builder getLogOutput
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#set
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Swag Labs
URL Matched!
```