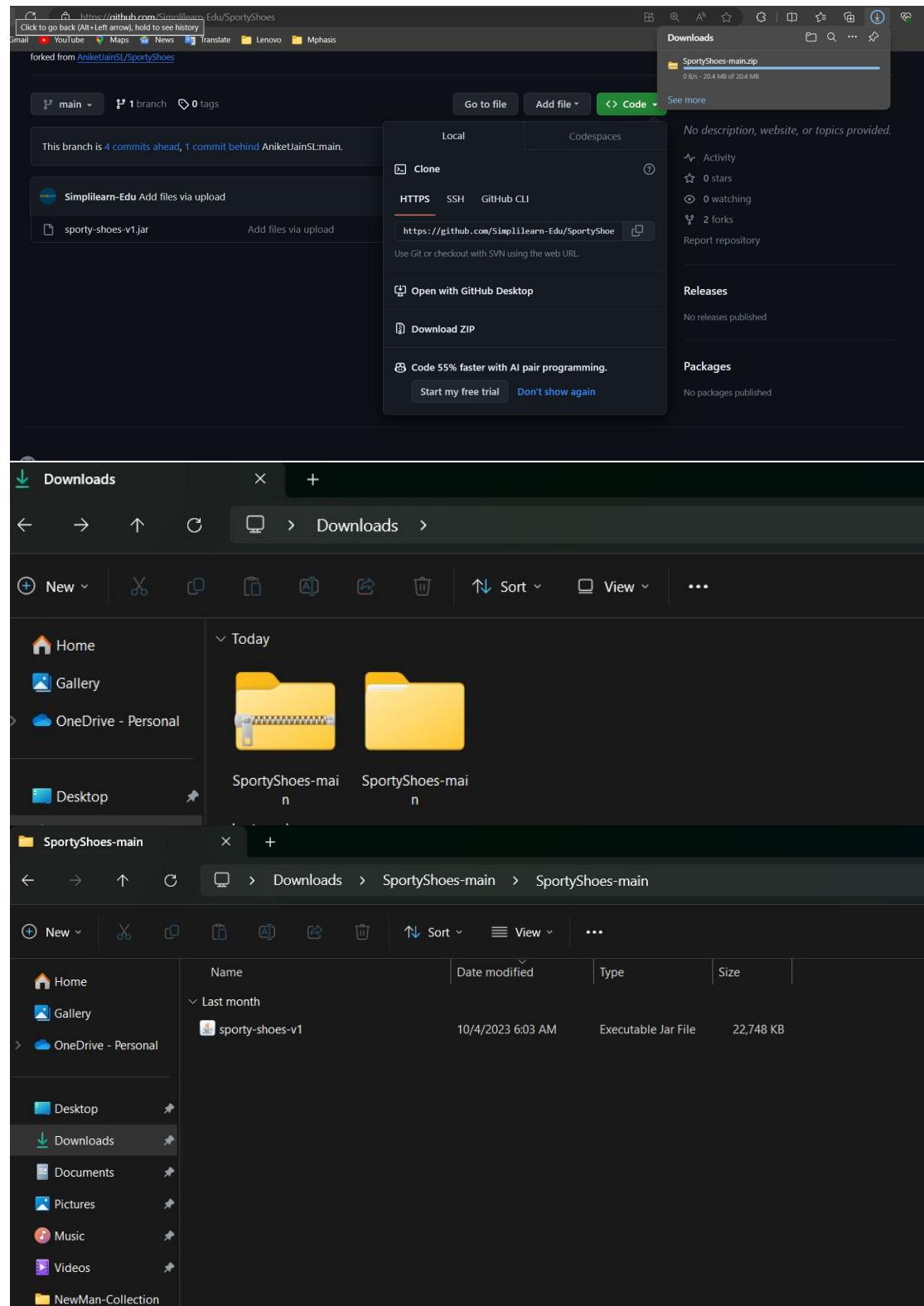


Capstone Project

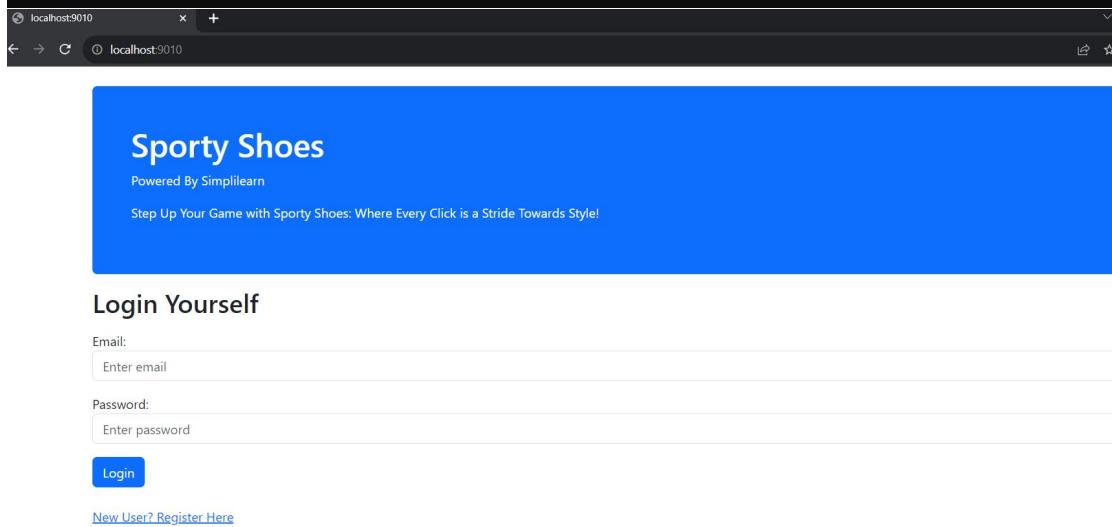
@Through PostMan



```
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ajha3\Downloads\SportyShoes-main\SportyShoes-main>java -jar sporty-shoes-v1.jar

```
 _/`----.
 \((_____)|---\((_____
 \|_____| |---|_____| |---\((_____
 ======| |=====| |---\((_____
 :: Spring Boot :: (v2.7.14)
2023-11-14 09:18:19.996 INFO 29864 --- [main] c.s.sportyshoes.SportyShoesApplication : Starting SportyShoesApplication v1 using Java 20.0.2 on LAPTOP-R1UDLKM6 with PID 29864 (C:\Users\ajha3\Downloads\SportyShoes-main\SportyShoes-main\sporty-shoes-v1.jar started by ajha3 in C:\Users\ajha3\Downloads\SportyShoes-main\SportyShoes-main)
2023-11-14 09:18:19.927 INFO 29864 --- [main] c.s.sportyshoes.SportyShoesApplication : No active profile set, falling back to 1 default profile: "default"
2023-11-14 09:19:22.169 INFO 29864 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 9010 (http)
2023-11-14 09:19:22.210 INFO 29864 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-11-14 09:19:22.211 INFO 29864 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.78]
2023-11-14 09:19:22.425 INFO 29864 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-11-14 09:19:22.425 INFO 29864 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 3245 ms
2023-11-14 09:19:23.014 INFO 29864 --- [main] o.s.b.a.w.s.WelcomePageHandlerMapping : Adding welcome page template: index
2023-11-14 09:19:24.042 INFO 29864 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 9010 (http) with context path ''
2023-11-14 09:19:24.090 INFO 29864 --- [main] c.s.sportyshoes.SportyShoesApplication : Started SportyShoesApplication in 7.776 seconds (JVM running for 8.857)
```



Phase3-Lesson2-API Testing

**HTTP CapstoneProject / Get All Products**

GET http://localhost:9010/get-shoes

**Params** Authorization Headers (6) Body Pre-request Script Tests Settings

**Query Params**

| Key | Value |
|-----|-------|
| Key | Value |

**Body** Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
{
 "code": 101,
 "message": "12 Shoes Fetched Successfully.",
 "shoes": [
 {
 "id": 101,
 "image": "1.png",
 "name": "BlueWave Running Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9",
 "price": 2000
 },
 {
 "id": 201,
 "image": "2.png",
 "name": "Elegant Leather Loafers",
 "category": "Formal",
 "sizes": "7, 8, 9",
 "price": 3000
 }
]
}

```

**HTTP CapstoneProject / Get All Registered Users**

GET http://localhost:9010/get-users

**Params** Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

**Query Params**

| Key | Value | Description | ... Bulk Edit |
|-----|-------|-------------|---------------|
| Key | Value | Description | ...           |

**Body** Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
10
21
{
 "code": 101,
 "message": "3 Users Fetched Successfully.",
 "users": [
 {
 "name": "John Watson",
 "email": "john@example.com",
 "password": "john123"
 },
 {
 "name": "Fionna Flynn",
 "email": "fionna@example.com",
 "password": "fionna123"
 },
 {
 "name": "Sia Sen",
 "email": "sia@example.com",
 "password": "sia123"
 }
]
}

```



**Project Environment**

**CapstoneProject / Update a product**

**PUT** http://localhost:9010/update-shoe?id=10110&image=www.image.com&name=SampleShoe&category=Running&sizes=6,8,9&price=3000

**Send**

**Params** Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

**Query Params**

| Key                                       | Value         | Description | ... Bulk Edit |
|-------------------------------------------|---------------|-------------|---------------|
| <input checked="" type="checkbox"/> id    | 10110         |             |               |
| <input checked="" type="checkbox"/> image | www.image.com |             |               |
| <input checked="" type="checkbox"/> name  | SampleShoe    |             |               |

**Body** Cookies (1) Headers (5) Test Results

Status: 200 OK Time: 1128 ms Size: 335 B Save as example

Pretty Raw Preview Visualize JSON

```
1
2 "code": 101,
3 "message": "SampleShoe Updated Successfully.",
4 "shoe": {
5 "id": 10110,
6 "image": "www.image.com",
7 "name": "SampleShoe",
8 "category": "Running",
9 "sizes": "6,8,9",
10 "price": 3000
11 }
12 }
```

**Project Environment**

**CapstoneProject / Delete a product**

**DELETE** http://localhost:9010/delete-shoe?id=10110

**Send**

**Params** Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

**Query Params**

| Key                                    | Value | Description | ... Bulk Edit |
|----------------------------------------|-------|-------------|---------------|
| <input checked="" type="checkbox"/> id | 10110 |             |               |
| Key                                    | Value | Description |               |

**Body** Cookies (1) Headers (5) Test Results

Status: 200 OK Time: 89 ms Size: 229 B Save as example

Pretty Raw Preview Visualize JSON

```
1
2 "code": 101,
3 "message": "Shoe with ID 10110 Deleted Successfully."
4 }
```

# @Through RestAssured

The screenshot shows the Eclipse IDE interface with two open files:

- pom.xml**: The Maven project's configuration file. It lists various dependencies, including JUnit, TestNG, Cucumber, and RestAssured.
- GetAllshoes.java**: A Java class containing a RestAssured test method. The code uses the RestAssured library to make a GET request to "http://localhost:9010/get-shoes" and assert the status code is 200.

```
pom.xml (Top Window)
```

```
<dependency>
 <groupId>com.fasterxml.jackson.core</groupId>
 <artifactId>jackson-databind</artifactId>
 <version>2.15.2</version>
</dependency>

<dependency>
 <groupId>org.testng</groupId>
 <artifactId>testng</artifactId>
 <version>7.7.1</version>
 <scope>test</scope>
</dependency>

<dependency>
 <groupId>io.cucumber</groupId>
 <artifactId>cucumber-java</artifactId>
 <version>7.10.1</version>
 <scope>compile</scope>
</dependency>

<dependency>
 <groupId>io.cucumber</groupId>
 <artifactId>cucumber-junit</artifactId>
 <version>7.10.1</version>
 <scope>compile</scope>
</dependency>
```

```
GetAllshoes.java (Bottom Window)
```

```
package com.SportyShoe.restAssuredScripts;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
Run All
public class GetAllshoes {
 @Test
 public void get_all_shoes() {
 RestAssured.given()
 .baseUri("http://localhost:9010")
 .basePath("/get-shoes")
 .when()
 .get()
 .then()
 .statusCode(200)
 .and()
 .log()
 .all();
 }
}
```

```
© Javadoc Declaration Results of running class GetAllshoes Git Staging Gradle Tasks Console X
<terminated> GetAllshoes [testNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 14, 2023, 10:08:56 AM – 10:09:10 AM) [pid: 15128]
Transfer-Encoding: chunked
Date: Tue, 14 Nov 2023 04:39:09 GMT
Keep-Alive: timeout=60
Connection: keep-alive
{
 "code": 101,
 "message": "13 Shoes Fetched Successfully.",
 "shoes": [
 {
 "id": 101,
 "image": "1.png",
 "name": "BlueWave Running Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9",
 "price": 2000
 },
 {
 "id": 201,
 "image": "2.png",
 "name": "Elegant Leather Loafers",
 "category": "Formal",
 "sizes": "7, 8, 9",
 "price": 3000
 },
 {
 "id": 301,
 "image": "3.png",
 "name": "NeoFlex Athletic Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9, 10",
 "price": 4500
 },
 {
 "id": 401,
 "image": "4.png",
 "name": "PowerStride Training Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9",
 "price": 6000
 },
 {
 "id": 311,
 "image": "12.png",
 "name": "TrailBlaze Adventure Shoes",
 "category": "Sports",
 "sizes": "5, 6, 9",
 "price": 7500
 },
 {
 "id": 10110,
 "image": "www.image.com",
 "name": "SampleShoe",
 "category": "Running",
 "sizes": "6,8,9",
 "price": 3000
 }
]
}
PASSED: com.SportyShoe.restAssuredScripts.GetAllshoes.get_all_shoes
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

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

```
...
ATE-CapstoneProject/pom.xml GetAllshoes.java X
1 package com.SportyShoe.restAssuredScripts;
2
3 import org.testng.annotations.Test;
4
5 import io.restassured.RestAssured;
6
7 public class GetAllshoes {
8
9 @Test(priority=1)
10 Run | Debug
11 public void get_all_shoes()
12 {
13 RestAssured.given()
14 .baseUri("http://localhost:9010")
15 .basePath("/get-shoes")
16 .when()
17 .get()
18 .then()
19 .statusCode(200)
20 .and()
21 .log()
22 .all();
23 }
24 @Test(priority='2')
25 Run | Debug
26 public void get_all_users()
27 {
28 RestAssured.given()
29 .baseUri("http://localhost:9010")
30 .basePath("/get-users")
31 .when()
32 .get()
33 .then()
34 .statusCode(401)
35 .log()
```

```

14 .basePath("/get-shoes")
15 .when()
16 .get()
17 .then()
18 .statusCode(200)
19 .and()
20 .log()
21 .all();
22 }
23
24● @Test(priority='2')
Run | Debug
25 public void get_all_users()
26 {
27
28 RestAssured.given()
29 .baseUri("http://localhost:9010")
30 .basePath("/get-users")
31 .when()
32 .get()
33 .then()
34 .statusCode(401)
35 .log()
36 .all();
37
38 }
39
40
41
42 }

<terminated> GetAllshoes [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 14, 2023, 10:21:38 AM – 10:21:57 AM) [pid: 40916]
|[RemoteTestNG] detected TestNG version 7.7.1
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.
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Tue, 14 Nov 2023 04:51:55 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
 "code": 101,
 "message": "13 Shoes Fetched Successfully.",
 "shoes": [
 {
 "id": 101,
 "image": "1.png",
 "name": "BlueWave Running Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9",
 "price": 2000
 },
 {
 "id": 201,
 "image": "2.png",
 "name": "Elegant Leather Loafers",
 "category": "Formal",
 "sizes": "7, 8, 9",
 "price": 3000
 },
 {
 "id": 301,
 "image": "3.png",
 "name": "NeoFlex Athletic Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9, 10"
 }
]
}

```

```

 "price": 6000
 },
 {
 "id": 311,
 "image": "12.png",
 "name": "TrailBlaze Adventure Shoes",
 "category": "Sports",
 "sizes": "5, 6, 9",
 "price": 7500
 },
 {
 "id": 10110,
 "image": "www.image.com",
 "name": "SampleShoe",
 "category": "Running",
 "sizes": "6,8,9",
 "price": 3000
 }
]
}
PASSED: com.SportyShoe.restAssuredScripts.GetAllshoes.get_all_shoes
FAILED: com.SportyShoe.restAssuredScripts.GetAllshoes.get_all_users
java.lang.AssertionError: 1 expectation failed.
Expected status code <401> but was <200>.

```

```

ATE-CapstoneProject/pom.xml GetAllshoes.java PostAndPutNewShoe.java ×
1 package com.SportyShoe.restAssuredScripts;
2
3 import org.testng.annotations.Test;
4
5 import io.restassured.RestAssured;
6
7 public class PostAndPutNewShoe {
8
9 @Test(priority='1')
10 public void add_new_product()
11 {
12
13 RestAssured.given()
14 .baseUri("http://localhost:9010")
15 .basePath("/add-shoe")
16 .queryParam("id", "1020")
17 .queryParam("image", "www.imge.com")
18 .queryParam("name", "Nike")
19 .queryParam("category", "Running")
20 .queryParam("sizes", "5,6,7")
21 .queryParam("price", "2000")
22 .when()
23 .post()
24 .then()
25 .log().all();
26
27 }
28
29

```

```

28
29
30● @Test(priority='2')
Run | Debug
31 public void update_a_product()
32 {
33
34 RestAssured.given()
35 .baseUri("http://localhost:9010")
36 .basePath("/update-shoe")
37 .queryParam("id", "1020")
38 .queryParam("image", "www.imge123.com")
39 .queryParam("name", "Reebok")
40 .queryParam("category", "Running")
41 .queryParam("sizes", "5,6,7")
42 .queryParam("price", "2500")
43 .when()
44 .put()
45 .then()
46 .log().all();
47
48 }
49
50
51 }
52
48 }

49● @Test(priority='3')
Run | Debug
50 public void delete_product()
51 {
52
53 RestAssured.given()
54 .baseUri("http://localhost:9010")
55 .basePath("/delete-shoe")
56 .queryParam("id", "1020")
57 .when().delete()
58 .then().log().all();
59
60 }
61
62 }
63
<terminated> PostAndPutNewShoe [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 14, 2023, 10:32:52 AM – 10:33:01 AM) [pid: 15132]
[RemoteTestNG] detected TestNG version 7.7.1
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.
HTTP/1.1 200
Set-Cookie: JSESSIONID=21DF93872D2B52C913128C77331A3C67; Path=/; HttpOnly
Content-Type: application/json
Transfer-Encoding: chunked
Date: Tue, 14 Nov 2023 05:03:00 GMT
Keep-Alive: timeout=60
Connection: keep-alive
{
 "code": 101,
 "message": "Nike Added Successfully.",
 "shoe": {
 "id": 1020,
 "image": "www.imge.com",
 "name": "Nike",
 "category": "Running",
 "sizes": "5,6,7",
 "price": 2000
 }
}
HTTP/1.1 200
Set-Cookie: JSESSIONID=CB31BB2F40D7D46148D3C28D8233832E; Path=/; HttpOnly
Content-Type: application/json
Transfer-Encoding: chunked
Date: Tue, 14 Nov 2023 05:03:00 GMT
Keep-Alive: timeout=60
Connection: keep-alive

```

```
{
 "code": 101,
 "message": "Reebok Updated Successfully.",
 "shoe": {
 "id": 1020,
 "image": "www.imgur123.com",
 "name": "Reebok",
 "category": "Running",
 "sizes": "5,6,7",
 "price": 2500
 }
}
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Tue, 14 Nov 2023 05:03:00 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
 "code": 101,
 "message": "Shoe with ID 1020 Deleted Successfully."
}
PASSED: com.SportyShoe.restAssuredScripts.PostAndPutNewShoe.delete_product
PASSED: com.SportyShoe.restAssuredScripts.PostAndPutNewShoe.add_new_product
PASSED: com.SportyShoe.restAssuredScripts.PostAndPutNewShoe.update_a_product

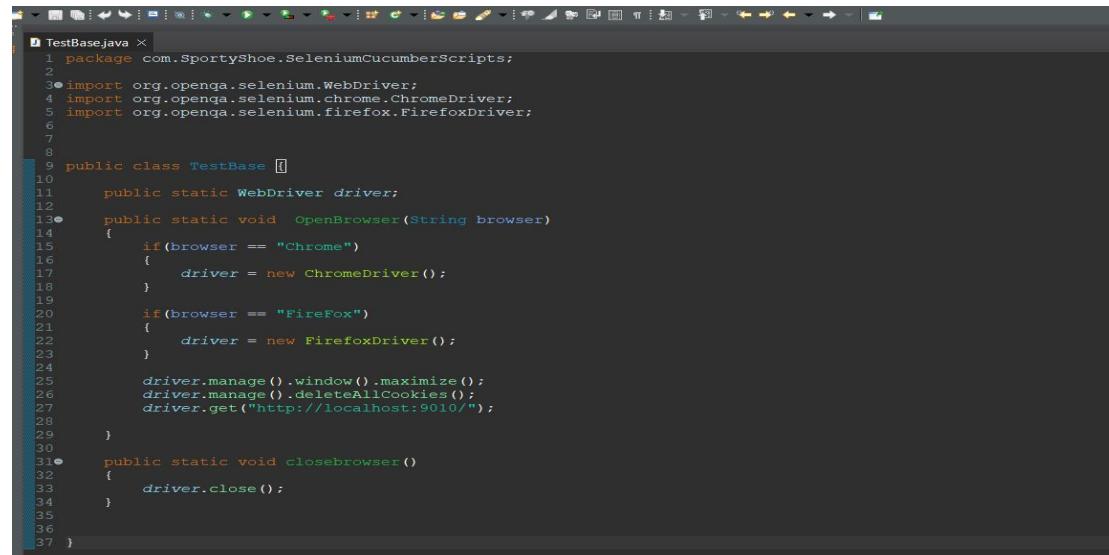
=====
Default test
Tests run: 3, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0

All Tests Failed Tests Summary
v Default suite (3/0/0) (3.771 s)
 v Default test (3.771 s)
 - com.SportyShoe.restAssuredScripts.PostAndPutNewShoe
 - add_new_product (3.622 s)
 - update_a_product (0.116 s)
 - delete_product (0.033 s)
Failure Exception
```

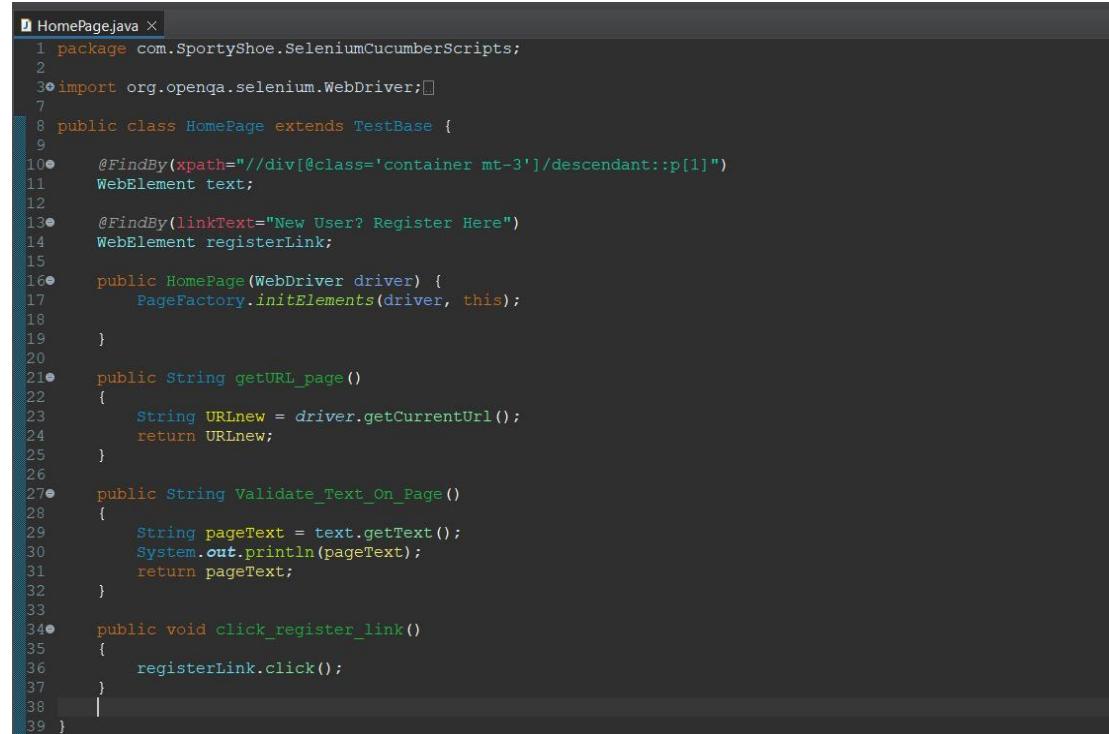
**@Through Selenium**

## #TestBase



```
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 import org.openqa.selenium.firefox.FirefoxDriver;
6
7
8 public class TestBase {
9 public static WebDriver driver;
10 public static void OpenBrowser(String browser)
11 {
12 if(browser == "Chrome")
13 {
14 driver = new ChromeDriver();
15 }
16 if(browser == "FireFox")
17 {
18 driver = new FirefoxDriver();
19 }
20
21 driver.manage().window().maximize();
22 driver.manage().deleteAllCookies();
23 driver.get("http://localhost:9010/");
24
25 }
26
27 public static void closebrowser()
28 {
29 driver.close();
30 }
31
32 }
```

## #HomePage



```
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class HomePage extends TestBase {
6
7 @FindBy(xpath="//div[@class='container mt-3']/descendant::p[1]")
8 WebElement text;
9
10 @FindBy(linkText="New User? Register Here")
11 WebElement registerLink;
12
13 public HomePage(WebDriver driver) {
14 PageFactory.initElements(driver, this);
15 }
16
17 public String getURL_page()
18 {
19 String URLnew = driver.getCurrentUrl();
20 return URLnew;
21 }
22
23 public String Validate_Text_On_Page()
24 {
25 String pageText = text.getText();
26 System.out.println(pageText);
27 return pageText;
28 }
29
30 public void click_register_link()
31 {
32 registerLink.click();
33 }
34
35 }
```

## #HomePageTest

```
1 HomePageTest.java ×
1 package com.SportyShoe.Tests;
2
3 import org.testng.annotations.AfterTest;
4
5 Run All
15 public class HomePageTest extends TestBase {
16
17 HomePage hp;
18
19 @BeforeTest
20 public void start_browser()
21 {
22 OpenBrowser("Chrome");
23 hp = new HomePage(driver);
24 }
25
26
27 @Test(priority='1')
28 Run | Debug
29 public void test_getTitle_page()
30 {
31 String expected = "http://localhost:9010/";
32 String Actual = hp.getURL_page();
33 Assert.assertEquals(Actual, expected);
34 }
35
36 @Test(priority='2')
37
38 Run | Debug
39 public void Test_Validate_Text_On_Page()
40 {
41 String expected = "Powered By Simplilearn";
42 String actualText = hp.Validate_Text_On_Page();
43 Assert.assertEquals(actualText, expected);
44 }
45
46 @Test(priority='3')
47 Run | Debug
48 public void test_click_register_link() throws InterruptedException
49 {
50 Thread.sleep(1500);
51 hp.click_register_link();
52 }
53 }
```

localhost9010 x +

localhost9010 Chrome is being controlled by automated test software.

## Sporty Shoes

Powered By Simplilearn

Step Up Your Game with Sporty Shoes: Where Every Click is a Stride Towards Style!

### Login Yourself

Email:

Enter email

Password:

Enter password

[New User? Register Here](#)

localhost9010/register x +

localhost9010/register Chrome is being controlled by automated test software.

## Sporty Shoes

Powered By Simplilearn

Step Up Your Game with Sporty Shoes: Where Every Click is a Stride Towards Style!

Its Wed Nov 15 15:14:42 IST 2023 !

### Register Yourself

Name:

Enter Name

Email:

Enter email

Password:

Enter password

[Existing User? Login Here](#)

localhost9010/register x +

localhost9010/register Chrome is being controlled by automated test software.

```
[terminated> HomePageTest [testNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 15, 2023, 3:14:24 PM – 3:14:43 PM) [pid: 43636]
[RemoteTestingNG] detected TestNG version 7.7.1
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.
Nov 15, 2023 3:14:38 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 119, so returning the closest version found: 115
Powered By Simplilearn
PASSED: com.SportyShoe.Tests.HomePageTest.test_click_register_link
PASSED: com.SportyShoe.Tests.HomePageTest.Test_Validate_Text_On_Page
PASSED: com.SportyShoe.Tests.HomePageTest.test_getTitle_page

=====
Default test
Tests run: 3, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0
=====
```

# #LoginPage

```
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class LoginPage {
6
7 @FindBy(xpath="//input[@id='email']")
8 WebElement loginEmail;
9
10 @FindBy(xpath="//input[@id='password']")
11 WebElement loginpassword;
12
13 @FindBy(xpath="//button[@type='submit']")
14 WebElement loginbtn;
15
16 @FindBy(linkText="Cart")
17 WebElement clickCart;
18
19
20
21
22
23 public LoginPage(WebDriver driver) {
24 PageFactory.initElements(driver, this);
25 }
26
27
28
29 public void user_login()
30 {
31 loginEmail.sendKeys("ashu@gmail.com");
32 loginpassword.sendKeys("ashu@123");
33 loginbtn.click();
34 }
35
36
37 public void click_cart()
38 {
39 clickCart.click();
40 }
41 }
```

## #Login Page Test

```
1 package com.SportyShoe.Tests;
2
3 import org.testng.Assert;■
11
12
13 Run All
14 public class LoginPageTest extends TestBase {
15
16 HomePage hp;
17 RegisterPage rp;
18 LoginPage lp;
19
20 @BeforeTest
21 public void start_browser()
22 {
23 OpenBrowser("Chrome");
24 hp = new HomePage(driver);
25 rp = new RegisterPage(driver);
26 lp = new LoginPage(driver);
27 }
28
29
30 @Test(priority='1')
31 Run | Debug
32 public void test_login()
33 {
34 lp.user_login();
35 }
36 }
```

```

36 @Test(priority='2')
37 public void test_getTitle_page()
38 {
39 String expected = "http://localhost:9010/login";
40 String Actual = hp.getURL_page();
41 Assert.assertEquals(Actual, expected);
42 }
43 }
44
45
46 @Test(priority='3')
47 public void Test_validate_registration_Text()
48 {
49 String expected = "Hello Ashu !";
50 String actualText = rp.validate_registration_Text();
51 Assert.assertEquals(actualText, expected);
52 }
53
54
55
56 @Test(priority='4')
57 Run | Debug
58 public void test_click_cart()
59 {
60 lp.click_cart();
61 }
62
63
64 }

@ Javadoc Declaration Results of running class LoginPageTest Git Staging Gradle Tasks Console X
<terminated> LoginPageTest [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 15, 2023, 3:27:33 PM - 3:27:50 PM) [pid: 35264]
[RemoteTestNG] detected TestNG version 7.7.1
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.
Nov 15, 2023 3:27:43 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 119, so returning the closest version found: 115
PASSED: com.SportyShoe.Tests.LoginPageTest.test_login
PASSED: com.SportyShoe.Tests.LoginPageTest.test_getTitle_page
FAILED: com.SportyShoe.Tests.LoginPageTest.Test_validate_registration_Text

```



**Login Yourself**

Email:  
ashu@gmail.com

Password:  
.....

**Login**

[New User? Register Here](#)



## #Register Page

```
*RegisterPage.java ×
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class RegisterPage extends TestBase{
6
7 @FindBy(xpath="//input[@id='name']")
8 WebElement registername;
9
10 @FindBy(xpath="//input[@id='email']")
11 WebElement registeremail;
12
13 @FindBy(xpath="//input[@id='password']")
14 WebElement registerpassword;
15
16 @FindBy(xpath="//button[@type='submit']")
17 WebElement registerBtn;
18
19 @FindBy(xpath="//div[@class='mt-4 p-5 bg-primary text-white rounded']/descendant::p[3]")
20 WebElement userText;
21
22
23 public RegisterPage(WebDriver driver) {
24 PageFactory.initElements(driver, this);
25 }
26
27
28 public void register_user()
29 {
30 registername.sendKeys("ashu");
31 registeremail.sendKeys("ashu@gmail.com");
32 registerpassword.sendKeys("ashu@123");
33 registerBtn.click();
34 }
35
36 public String validate_registration_URL()
37 {
38 String register_url = driver.getCurrentUrl();
39 return register_url;
40 }
41
42 public String validate_registration_Text()
43 {
44 String user_name = userText.getText();
45 return user_name;
46 }
47
48
49 }
50
51 }
```

## #Register Page Test

```
RegisterPageTest.java ×
1 package com.SportyShoe.Tests;
2
3 import static org.testng.Assert.assertEquals;
4 import org.testng.Assert;
5 import org.testng.annotations.BeforeTest;
6 import org.testng.annotations.Test;
7 import com.SportyShoe.SeleniumCucumberScripts.HomePage;
8 import com.SportyShoe.SeleniumCucumberScripts.RegisterPage;
9 import com.SportyShoe.SeleniumCucumberScripts.TestBase;
10 Run All
11
12 public class RegisterPageTest extends TestBase {
13
14 HomePage hp;
15 RegisterPage rp;
16
17 @BeforeTest
18 public void start_browser()
19 {
20 OpenBrowser("Chrome");
21 hp = new HomePage(driver);
22 rp = new RegisterPage(driver);
23 }
24
25 @Test(priority='1')
26 Run | Debug
27 public void test_click_register_link() throws InterruptedException
28 {
29 Thread.sleep(1500);
30 hp.click_register_link();
31 }
32
33 }
```

```

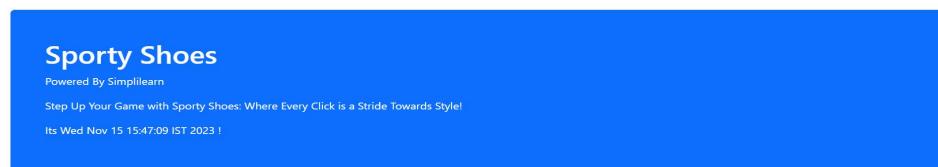
 *RegisterPageTest.java *
31● @Test(priority='2')
Run | Debug
32 public void test_getTitle_page()
33 {
34 String expected = "http://localhost:9010/register";
35 String Actual = hp.getURL_page();
36 Assert.assertEquals(Actual, expected);
37 }
38
39
40● @Test(priority='3')
Run | Debug
41 public void Test_register_user()
42 {
43 rp.register_user();
44 }
45
46● @Test(priority='4')
Run | Debug
47 public void Test_validate_registration_URL()
48 {
49 String expected = "http://localhost:9010/register-user";
50 String Actual = rp.validate_registration_URL();
51 assertEquals(Actual, expected);
52 }
53
54● @Test(priority='5')
55
Run | Debug
56 public void Test_validate_registration_Text()
57 {
58 String expected = "Hello Ashu !";
59 String actualText = rp.validate_registration_Text();
60 Assert.assertEquals(actualText, expected);
61 }
62

```

localhost:9010/register x +

localhost:9010/register

Chrome is being controlled by automated test software.



## Register Yourself

Name:

Email:

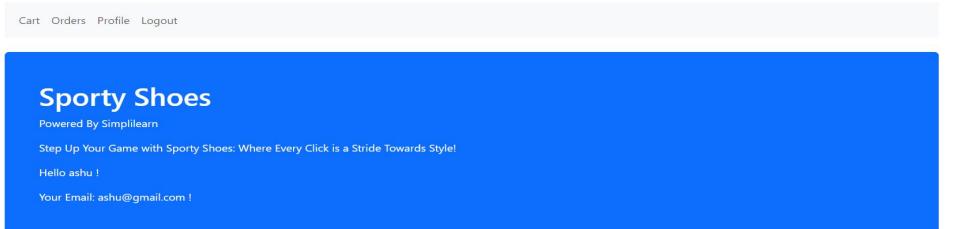
Password:

[Existing User? Login Here](#)

```

 localhost:9010/register-user x +
 localhost:9010/register-user
 Chrome is being controlled by automated test software.

```



```

 Cart Orders Profile Logout
 localhost:9010/register-user x +
 localhost:9010/register-user
 Chrome is being controlled by automated test software.

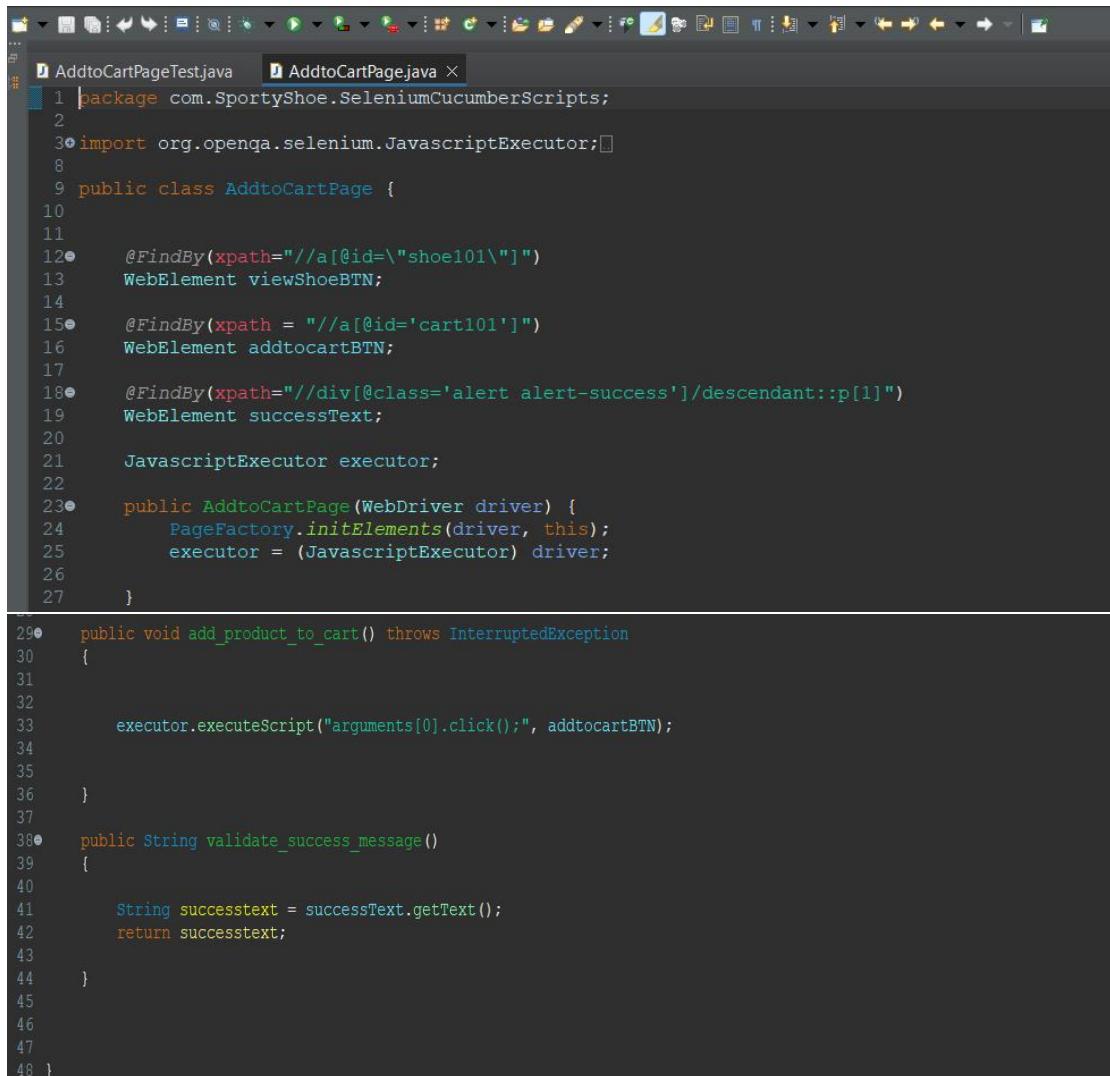
```



```
① Javadoc ② Declaration ③ Results of running class RegisterPageTest ④ Git Staging ⑤ Gradle Tasks ⑥ Console ×
<terminated> RegisterPageTest [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 15, 2023, 3:46:44 PM – 3:47:14 PM) [pid: 41080]
[RemoteTestNG] detected TestNG version 7.7.1
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.
Nov 15, 2023 3:47:03 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 119, so returning the closest version found: 115
PASSED: com.SportyShoe.Tests.RegisterPageTest.test_click_register_link
PASSED: com.SportyShoe.Tests.RegisterPageTest.test_getTitle_page
PASSED: com.SportyShoe.Tests.RegisterPageTest.Test_validate_registration_URL
PASSED: com.SportyShoe.Tests.RegisterPageTest.Test_register_user
FAILED: com.SportyShoe.Tests.RegisterPageTest.Test_validate_registration_Text
java.lang.AssertionError: expected [Hello Ashu !] but found [Hello ashu !]
=====
Default test
Tests run: 5, Failures: 1, Skips: 0
=====

=====
Default suite
Total tests run: 5, Passes: 4, Failures: 1, Skips: 0
=====
```

## #Add Cart Page



The screenshot shows an IDE interface with the code editor open. The file being edited is `AddtoCartPageTest.java`. The code is a Selenium test class for an e-commerce application. It includes imports for `com.SportyShoe.SeleniumCucumberScripts`, `org.openqa.selenium.JavascriptExecutor`, and `PageFactory`. The class `AddtoCartPage` has methods for adding a product to the cart and validating a success message. The code uses Java annotations like `@FindBy` and `@PageFactory`.

```
① AddtoCartPageTest.java ② AddtoCartPage.java ×
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.JavascriptExecutor;
4
5 public class AddtoCartPage {
6
7 @FindBy(xpath="//a[@id='shoe101']")
8 WebElement viewShoeBTN;
9
10 @FindBy(xpath = "//a[@id='cart101']")
11 WebElement addtocartBTN;
12
13 @FindBy(xpath="//div[@class='alert alert-success']/descendant::p[1]")
14 WebElement successText;
15
16 JavascriptExecutor executor;
17
18 public AddtoCartPage(WebDriver driver) {
19 PageFactory.initElements(driver, this);
20 executor = (JavascriptExecutor) driver;
21 }
22
23 public void add_product_to_cart() throws InterruptedException
24 {
25
26 executor.executeScript("arguments[0].click()", addtocartBTN);
27 }
28
29 public String validate_success_message()
30 {
31
32 String successtext = successText.getText();
33 return successtext;
34 }
35
36}
37
38}
```

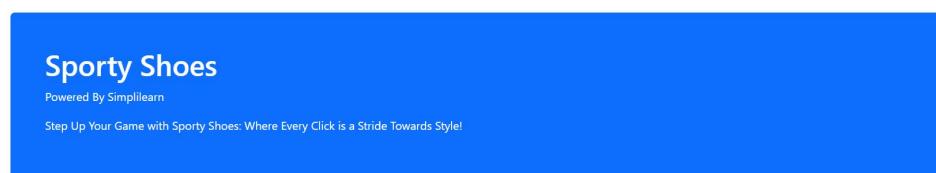
## #Add Cart Page Test

```
1 AddtoCartPageTest.java × AddtoCartPage.java
 1 package com.SportyShoe.Tests;
 2
 3 import org.testng.Assert;
 4
 5
 6
 7
 8
 9
10
11
12
13
14
15 public class AddtoCartPageTest extends TestBase {
16
17 HomePage hp;
18 RegisterPage rp;
19 LoginPage lp;
20 AddtoCartPage ac;
21
22 @BeforeTest
23 public void start_browser()
24 {
25 OpenBrowser("Chrome");
26 hp = new HomePage(driver);
27 rp = new RegisterPage(driver);
28 lp = new LoginPage(driver);
29 ac = new AddtoCartPage(driver);
30 }
31
32 @Test(priority='1')
33 public void test_login()
34 {
35 lp.user_login();
36 }
37
38
39 @Test(priority='2')
40 public void test_add_product_to_cart() throws InterruptedException
41 {
42 ac.add_product_to_cart();
43 }
44
45 @Test(priority='3')
46 public void test_validate_success_message()
47 {
48 String expected = "Message: Shoe BlueWave Running Shoes Added Successfully to Cart";
49 String actualText= ac.validate_success_message();
50 Assert.assertEquals(actualText, expected);
51 }
52
53
54
55 }
```

localhost9010

localhost9010

Chrome is being controlled by automated test software.



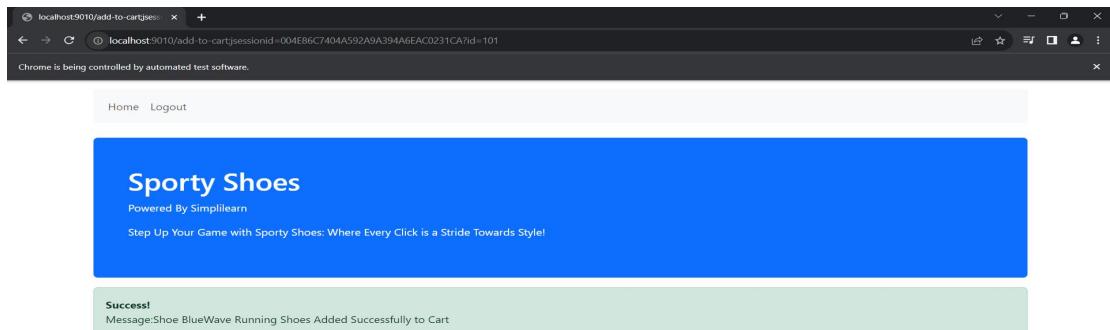
Login Yourself

Email:  
ashu@gmail.com

Password:  
.....

[New User? Register Here](#)





```
80% Smoke
Search:
@ Javadoc Declaration Results of running class AddtoCartPageTest × Git Staging Grad
Passed: 3 Failed: 0

All Tests Failed Tests Summary
Default suite (3/0/0/0) (2.39 s)
Default test (2.39 s)
 com.SportyShoe.Tests.AddtoCartPageTest
 test_login (2.172 s)
 test_add_product_to_cart (0.15 s)
 test_validate_success_message (0.068 s)

<terminated> AddtoCartPageTest [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (Nov 15, 2023, 4:05:34 PM – 4:05:48 PM) [pid: 12016]
[RemoteTestNG] detected TestNG version 7.7.1
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.
Nov 15, 2023 4:05:43 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 119, so returning the closest version found: 115
PASSED: com.SportyShoe.Tests.AddtoCartPageTest.test_add_product_to_cart
PASSED: com.SportyShoe.Tests.AddtoCartPageTest.test_validate_success_message
PASSED: com.SportyShoe.Tests.AddtoCartPageTest.test_login

=====
Default test
Tests run: 3, Failures: 0, Skips: 0
=====

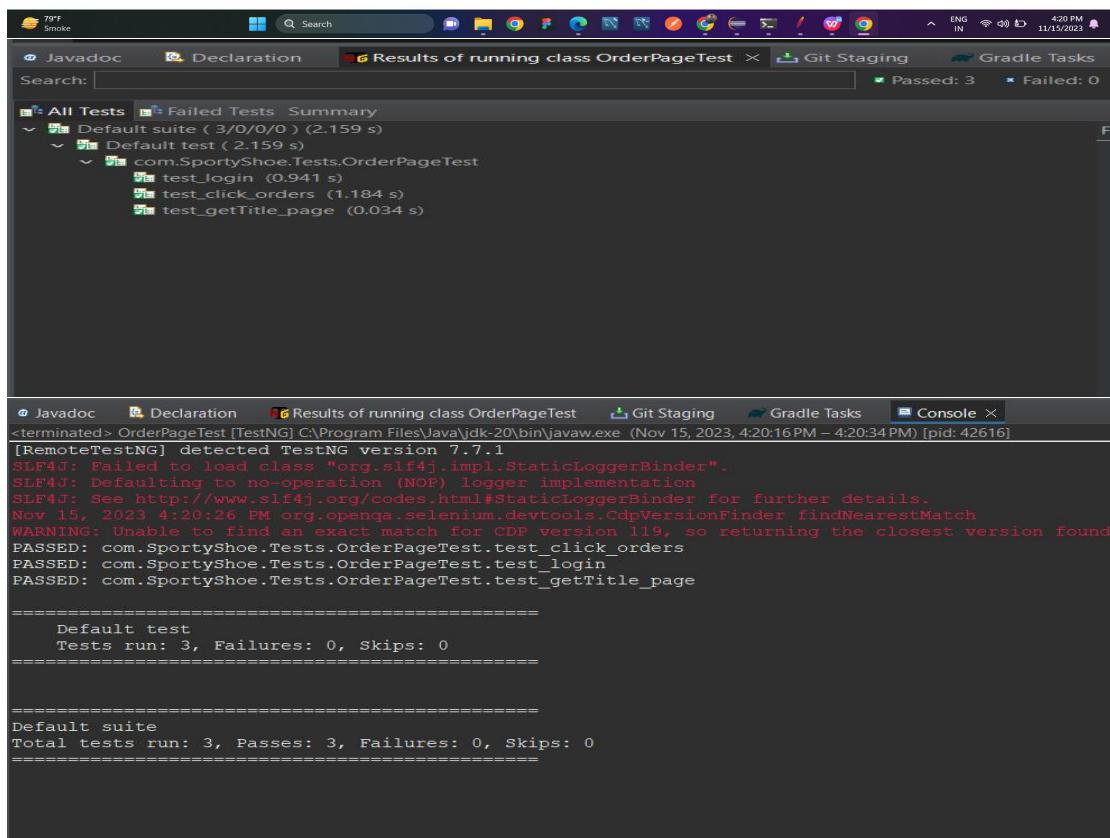
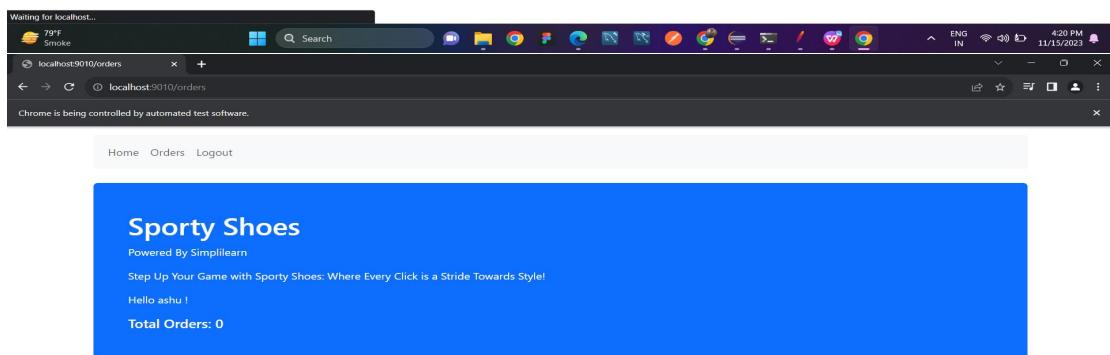
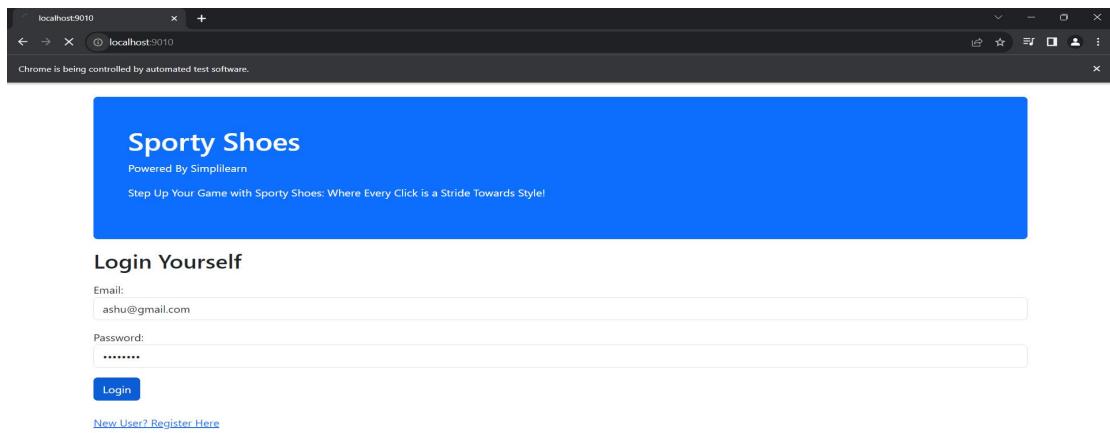
=====
Default suite
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0
=====
```

## #Order Page

```
OrderPage.java ×
1 package com.SportyShoe.SeleniumCucumberScripts;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class OrderPage {
6
7 @FindBy(linkText="Orders")
8 WebElement orderlink;
9
10 public OrderPage(WebDriver driver) {
11 PageFactory.initElements(driver, this);
12 }
13
14 public void click_orderPage() {
15 orderlink.click();
16 }
17
18}
19
20}
21
22}
23
24}
```

## #Order Page Test

```
*OrderPageTest.java ×
1 package com.SportyShoe.Tests;
2
3 import org.testng.Assert;
4 import org.testng.annotations.BeforeTest;
5 import org.testng.annotations.Test;
6 import com.SportyShoe.SeleniumCucumberScripts.HomePage;
7 import com.SportyShoe.SeleniumCucumberScripts.LoginPage;
8 import com.SportyShoe.SeleniumCucumberScripts.OrderPage;
9 import com.SportyShoe.SeleniumCucumberScripts.RegisterPage;
10 import com.SportyShoe.SeleniumCucumberScripts.TestBase;
11
12 public class OrderPageTest extends TestBase {
13
14 HomePage hp;
15 RegisterPage rp;
16 LoginPage lp;
17 OrderPage op;
18
19 @BeforeTest
20 public void start_browser() {
21
22 OpenBrowser("Chrome");
23 hp = new HomePage(driver);
24 rp = new RegisterPage(driver);
25 lp = new LoginPage(driver);
26 op = new OrderPage(driver);
27 }
28
29 @Test(priority='1')
30 Run | Debug
31 public void test_login() {
32
33 lp.user_login();
34 }
35
36 @Test(priority='2')
37
38 Run | Debug
39 public void test_click_orders() {
40
41 op.click_orderPage();
42 }
43
44 @Test(priority='3')
45 Run | Debug
46 public void test_getTitle_page() {
47
48 String expected = "http://localhost:9010/orders";
49 String Actual = hp.getURL_page();
50 Assert.assertEquals(Actual, expected);
51 }
52
53 }
```



## @Through Jmeter

The image consists of three vertically stacked screenshots of the JMeter software interface, showing the configuration of a test plan.

**Screenshot 1: HTTP Header Manager Configuration**

This screenshot shows the "HTTP Header Manager" configuration under the "Test" thread group. The "Headers Stored in the Header Manager" table lists the following headers:

Name:	Value:
sec-ch-ua	"Google Chrome";v="119", "Chromium";v="119", "Not?A;Brand";v="24"
sec-ch-ua-mobile	20
Accept	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8
Upgrade-Insecure-Requests	1
sec-ch-ua-platform	"Windows"
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/119.0.0.0 S

**Screenshot 2: HTTP Request Configuration**

This screenshot shows the "HTTP Request" configuration for the "http://localhost:9010/login" sampler. The "Basic" tab is selected, showing the following settings:

- Protocol: http
- Server Name or IP: \${BASE\_URL\_1}
- Port Number: 9010
- Method: POST
- Path: /login
- Content encoding: (empty)
- Checkboxes: Redirect Automatically, Follow Redirects, Use KeepAlive, Use multipart/form-data, Browser-compatible headers

**Screenshot 3: Thread Group Configuration**

This screenshot shows the "Thread Group" configuration. The "Number of Threads (users):" field is set to 10. The "Ramp-up period (seconds):" field is set to 1. The "Loop Count:" field has "Infinite" selected. Other options shown include "Same user on each iteration" (checked), "Delay Thread creation until needed" (unchecked), and "Specify Thread lifetime" (unchecked). The "Duration (seconds):" and "Startup delay (seconds):" fields are both set to 0.

