

Capstone Project:

Screenshots:

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/base/TestBase.java - Eclipse IDE
- Toolbar:** File Edit Source Refactor Search Project Run Window Help
- Package Explorer:** Shows the project structure with packages like ATE_Phase3-RestAssured, ATE-CapstoneProject, and com.qa.sportshoes.
- Editor:** Displays the content of TestBase.java:

```
1 package com.qa.sportshoes.base;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class TestBase {
6     public static WebDriver driver;
7
8     public static void openBrowser()
9     {
10         driver = new ChromeDriver();
11
12         driver.manage().window().maximize();
13         driver.manage().deleteAllCookies();
14         driver.get("http://localhost:9010/");
15     }
16
17     public void closebrowser()
18     {
19         driver.close();
20     }
21 }
22
23 }
```
- Task List:** Shows a search bar and various icons for navigating through tasks.
- Outline:** Shows the class structure with methods: driver, openBrowser(), and closebrowser().
- Bottom Bar:** Shows system status (34°, ENG IN, 04:45, 22-02-2024) and a toolbar with various icons.

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Pages/HomePage.java - Eclipse IDE
- Toolbar:** File Edit Source Refactor Search Project Run Window Help
- Package Explorer:** Shows the project structure with packages like ATE_Phase3-RestAssured, ATE-CapstoneProject, and com.qa.sportshoes.
- Editor:** Displays the content of HomePage.java:

```
1 package com.qa.sportshoes.Pages;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class HomePage extends TestBase {
6     // driver.findElement(locator).methods
7
8     // @FindBy(locatorname="value")
9     // WebElement name;
10
11     //@FindBy(linkText="New User? Register Here")
12     // WebElement registerlink;
13
14     public HomePage(WebDriver driver)
15     {
16         PageFactory.initElements(driver, this);
17     }
18
19     // action methods
20
21     public void getURL_page()
22     {
23         String URL = driver.getCurrentUrl();
24         System.out.println(URL);
25     }
26
27     public void Click_registerlink()
28     {
29         registerlink.click();
30     }
31
32 }
33
34
35
36
37
38
39
40 }
```
- Task List:** Shows a search bar and various icons for navigating through tasks.
- Outline:** Shows the class structure with methods: registerlink, getURL_page(), and Click_registerlink().
- Bottom Bar:** Shows system status (34°, ENG IN, 04:48, 22-02-2024) and a toolbar with various icons.

eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Tests/HomePageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X HomePage.java HomePageTest.java Problems Java Declarations Constructors Results Gradle Gradle...
src/main/java
  src/test/java
    com.qa.sportshoes.base
      TestBase.java
    com.qa.sportshoes.Pages
      HomePage.java
      LoginPage.java
      ProductsPage.java
      RegisterPage.java
    com.qa.sportshoes.Tests
      HomePageTest.java
      LoginPageTest.java
      ProductsTest.java
      RegisterPageTest.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src
target
test-output
pom.xml
ATE-Phase2-BDD-Cucumber
ATE-Phase2-JUnit
GradleProjectDemo
Phase-1SeleniumScripts

1 package com.qa.sportshoes.Tests;
2
3 import org.testng.Assert;
4
5 Run All
6
7 public class HomePageTest extends TestBase {
8
9     @Test(priority='1')
10    Run | Debug
11    public void start_browser()
12    {
13        openBrowser();
14        hp = new HomePage(driver);
15    }
16
17
18
19
20
21    @Test(priority='2')
22    Run | Debug
23    public void test_getURL_method()
24    {
25        hp.getURL_page();
26    }
27
28
29    @Test(priority='2')
30    Run | Debug
31    public void test_registerlink_method()
32    {
33        hp.Click_registerlink();
34        String expectedURL = "http://localhost:9010/register-user";
35        String RegisterPageURL = driver.getCurrentUrl();
36        Assert.assertEquals(RegisterPageURL, expectedURL);
37    }
38
39
40
41
42
43
44
45
```

<terminated> HomePageTest [TestNG] C:\Users\Kunnup2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre. @ [RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Feb 22, 2024 4:49:21 PM org.openqa.selenium.devtools.CdpVersionFinder WARNING: Unable to find CDP implementation matching 120
Feb 22, 2024 4:49:21 PM org.openqa.selenium.chromium.ChromiumDriver腊 WARNING: Unable to find version of CDP to use for 120.0.6099.111. You can http://localhost:9010/
PASSED: com.qa.sportshoes.Tests.HomePageTest.test_getURL_method
PASSED: com.qa.sportshoes.Tests.HomePageTest.test_registerlink_method
PASSED: com.qa.sportshoes.Tests.HomePageTest.start_browser

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

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

34° Search ENG IN 04:49 22-02-2024

eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Pages/RegisterPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X RegisterPage.java Task List X
src/main/java
  src/test/java
    com.qa.sportshoes.base
      TestBase.java
    com.qa.sportshoes.Pages
      HomePage.java
      LoginPage.java
      ProductsPage.java
      RegisterPage.java
    com.qa.sportshoes.Tests
      HomePageTest.java
      LoginPageTest.java
      ProductsTest.java
      RegisterPageTest.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src
target
test-output
pom.xml
ATE-Phase2-BDD-Cucumber
ATE-Phase2-JUnit
GradleProjectDemo
Phase-1SeleniumScripts

1 package com.qa.sportshoes.Pages;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7
8
9
10
11
12
13 public class RegisterPage extends TestBase {
14    @FindBy(xpath="//*[@id='name']")
15    WebElement registerName;
16
17    @FindBy(xpath="//input[@id='email']")
18    WebElement registerEmail;
19
20    @FindBy(xpath="//input[@id='password']")
21    WebElement registerPassword;
22
23    @FindBy(xpath="//*[@type='submit']")
24    WebElement registerBtn;
25
26    public RegisterPage(WebDriver driver)
27    {
28        PageFactory.initElements(driver, this);
29    }
30
31    public void register_user()
32    {
33        registerName.sendKeys("Arya");
34        registerEmail.sendKeys("arya@gmail.com");
35        registerPassword.sendKeys("arya@123");
36        registerBtn.click();
37    }
38
39    public void validate_url()
40    {
41        String expectedURL = "http://localhost:9010/register-user";
42        String RegisterPageURL = driver.getCurrentUrl();
43        Assert.assertEquals(RegisterPageURL, expectedURL);
44    }
45}
```

Find All Active...

Outline X
com.qa.sportshoes.Pages
 RegisterPage
 registerName : WebElement
 registerEmail : WebElement
 registerPassword : WebElement
 registerBtn : WebElement
 register_user() : void
 validate_url() : void

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eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Tests/RegisterPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer RegisterPage.java RegisterPageTest.java Problems @ Java Declarations Constructors Results Gradle Gradle...
src/main/java com.qa.sportshoes.base TestBase.java
src/test/java com.qa.sportshoes.Pages HomePage.java LoginPage.java ProductsPage.java RegisterPage.java
com.qa.sportshoes.Tests HomePageTest.java LoginPageTest.java ProductsTest.java RegisterPageTest.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src target test-output pom.xml
ATE-Phase2-BDD-Cucumber
ATE-Phase2-JUnit
GradleProjectDemo
Phase-1SeleniumScripts

1 package com.qa.sportshoes.Tests;
2 import org.testng.annotations.BeforeClass;
3
4 @BeforeClass
5 public class RegisterPageTest extends TestBase {
6     HomePage hp;
7     RegisterPage rp;
8
9     @Test(priority='1')
10    public void OpenBrowser() {
11         openBrowser();
12
13         hp = new HomePage(driver);
14         rp = new RegisterPage(driver);
15     }
16
17     @Test(priority='2')
18    public void test_click_registerLink() {
19         Thread.sleep(1500);
20         hp.Click_registerlink();
21     }
22
23     @Test(priority='3')
24    public void test_register_user() {
25         rp.register_user();
26     }
27
28     @Test(priority='4')
29    public void test_register_link() {
30         rp.register_link();
31     }
32
33     @Test(priority='5')
34    public void test_register_link() {
35         rp.register_link();
36     }
37 }
```

<terminated> RegisterPageTest [TestNG] C:\Users\Kunnu\p2pool\plugins\org.eclipse.jst.openjdk.hotspot.jre@ [RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Feb 22, 2024 4:52:20 PM org.openqa.selenium.devtools.CdpVersionFinder WARNING: Unable to find CDP implementation matching 120
Feb 22, 2024 4:52:20 PM org.openqa.selenium.chromium.ChromiumDriver logger WARNING: Unable to find version of CDP to use for 120.0.6099.111. You
PASSED: com.qa.sportshoes.Tests.RegisterPageTest.test_newUser_url
PASSED: com.qa.sportshoes.Tests.RegisterPageTest.test_register_user
PASSED: com.qa.sportshoes.Tests.RegisterPageTest.test_click_registerLink
=====
Default test
Tests run: 3, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0
=====

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eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Pages/LoginPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer LoginPage.java Task List
src/main/java com.qa.sportshoes.base TestBase.java
src/test/java com.qa.sportshoes.Pages HomePage.java LoginPage.java ProductsPage.java RegisterPage.java
com.qa.sportshoes.Tests HomePageTest.java LoginPageTest.java ProductsTest.java RegisterPageTest.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src target test-output pom.xml
ATE-Phase2-BDD-Cucumber
ATE-Phase2-JUnit
GradleProjectDemo
Phase-1SeleniumScripts

1 package com.qa.sportshoes.Pages;
2 import org.openqa.selenium.WebDriver;
3
4 public class LoginPage extends TestBase {
5     @FindBy(xpath="//*[@id='email']")
6     WebElement loginEmail;
7
8     @FindBy(xpath="//*[@id='password']")
9     WebElement LoginPassword;
10
11     @FindBy(xpath="//*[@type='submit']")
12     WebElement LoginBtn;
13
14     public LoginPage(WebDriver driver) {
15         PageFactory.initElements(driver, this);
16     }
17
18     public void user_login() {
19         loginEmail.sendKeys("arya@gmail.com");
20         LoginPassword.sendKeys("arya@123");
21         LoginBtn.click();
22     }
23
24     public void validate_loginPage_url() {
25         String expectedURL = "http://localhost:9010/login";
26         String RegisterPageURL = driver.getCurrentUrl();
27         Assert.assertEquals(RegisterPageURL, expectedURL);
28     }
29
30 }
```

Find All Active...

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eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Tests/LoginPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer LoginPage.java LoginPageTest.java Problems Java Declarations Constants Results Gradle Gradle...
src/main/java com.qa.sportshoes.base LoginPage.java ProductsPage.java RegisterPage.java com.qa.sportshoes.Pages HomePage.java LoginPage.java ProductsPage.java RegisterPage.java com.qa.sportshoesTests HomePageTest.java LoginPageTest.java ProductsTest.java RegisterPageTest.java JRE System Library [JavaSE-1.7] Maven Dependencies src target test-output pom.xml ATE-Phase2-BDD-Cucumber ATE-Phase2-JUnit GradleProjectDemo Phase-1SeleniumScripts

1 package com.qa.sportshoes.Tests;
2 import org.testng.Assert;
3
4 public class LoginPageTest extends TestBase
5 {
6     @Test(priority=1)
7     public void start_browser()
8     {
9         openBrowser();
10        lp = new LoginPage(driver);
11    }
12
13    public void test_user_login() throws InterruptedException
14    {
15        lp.user_login();
16    }
17
18    public void test_validate_loginPage_url()
19    {
20        lp.validate_loginPage_url();
21    }
22
23
24
25
26
27
28
29
30 }
```

<terminated> LoginPageTest [TestNG] C:\Users\Kunnu\o2pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.f@ [RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Feb 22, 2024 4:54:33 PM org.openqa.selenium.devtools.CdpVersionFinder WARNING: Unable to find CDP implementation matching 120
Feb 22, 2024 4:54:33 PM org.openqa.selenium.chromium.ChromiumDriver腊 WARNING: Unable to find version of CDP to use for 120.0.6099.111. You
PASSED: com.qa.sportshoes.Tests.LoginPageTest.start_browser
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====

34° Search ENG IN 04:54 22-02-2024

eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Pages/ProductsPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer ProductsPage.java com.qa.sportshoes.Pages Problems Java Declarations Constants Results Gradle Gradle...
src/main/java com.qa.sportshoes.base LoginPage.java ProductsPage.java RegisterPage.java com.qa.sportshoes.Pages HomePage.java LoginPage.java ProductsPage.java RegisterPage.java com.qa.sportshoesTests HomePageTest.java LoginPageTest.java ProductsTest.java RegisterPageTest.java JRE System Library [JavaSE-1.7] Maven Dependencies src target test-output pom.xml ATE-Phase2-BDD-Cucumber ATE-Phase2-JUnit GradleProjectDemo Phase-1SeleniumScripts

1 package com.qa.sportshoes.Pages;
2 import org.openqa.selenium.JavascriptExecutor;
3
4 public class ProductsPage {
5     @FindBy(xpath="//*[@id='cart101']")
6     WebElement addtocartBTN;
7
8     @FindBy(linkText="Home")
9     WebElement HomeBTN;
10
11
12     @FindBy(linkText="Cart")
13     WebElement CartBTN;
14
15     @FindBy(xpath="//*[@id='place-order']")
16     WebElement placeOrderBTN;
17
18     @FindBy(linkText="Orders")
19     WebElement OrdersBTN;
20
21     @FindBy(linkText="Logout")
22     WebElement logoutBTN;
23
24     JavascriptExecutor executor;
25
26
27
28
29
30
31     public ProductsPage(WebDriver driver)
32     {
33         PageFactory.initElements(driver, this);
34         executor = (JavascriptExecutor) driver;
35     }
36
37
38     public void click_addtoCart()
39     {
40         executor.executeScript("arguments[0].click();", addtocartBTN);
41     }
42
43 }
```

Find All Active... Task List Outline com.qa.sportshoes.Page ProductsPage addtocartBTN : WebElement HomeBTN : WebElement CartBTN : WebElement placeOrderBTN : WebElement OrdersBTN : WebElement logoutBTN : WebElement executor : JavascriptExecutor click_addtoCart() : void click_homebtn() : void click_cartbtn() : void click_placeorder() : void

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eclipse-workspace - ATE-CapstoneProject/src/test/java/com/qa/sportshoes/Tests/ProductsTest.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer ProductsPage.java ProductsTest.java Problems Java Declarations Constants Results Gradle Gradle...
src/main/java
  ATE-Phase3-RestAssured
  ATE-CapstoneProject
    src/test/java
      com.qa.sportshoes.base
        TestBase.java
      com.qa.sportshoes.Pages
        HomePage.java
        LoginPage.java
        ProductsPage.java
        RegisterPage.java
      com.qa.sportshoes.Tests
        HomePageTest.java
        LoginPageTest.java
        ProductsTest.java
        RegisterPageTest.java
    JRE System Library [JavaSE-1.8]
    Maven Dependencies
    src
    target
    test-output
    pom.xml
ATE-Phase2-BDD-Cucumber
ATE-Phase2-JUnit
GradleProjectDemo
Phase-1SeleniumScripts

1 package com.qa.sportshoes.Tests;
2 import org.testng.annotations.BeforeClass;
3
4 @BeforeClass
5 public class ProductsTest extends TestBase {
6
7     LoginPage lp;
8     ProductsPage pp;
9
10    @BeforeClass
11    public void start_browser() {
12        openBrowser();
13        lp = new LoginPage(driver);
14        pp = new ProductsPage(driver);
15    }
16
17    @Test(priority='1')
18    Run | Debug
19    public void test_user_login() throws
20
21    {
22        Thread.sleep(1000);
23        lp.user_login();
24    }
25    @Test(priority='2')
26    Run | Debug
27    public void test_product_addtoCart()
28
29    {
30        Thread.sleep(1000);
31        pp.click_addtoCart();
32    }
33
34    @Test(priority='3')
35    Run | Debug
36    public void test_HomeBTN() throws InterruptedException
37
38    {
39
40
41
42
43
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```

An update has been downloaded for Postman. Restart now to install the update.

ATE-phase3-PostmanTraining

CapstoneProject / Users

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

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

Query Params

Key Value Description

Body Cookies (1) Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
  "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"
    }
  ]
}
```

Online Find and replace Console

Postbot Runner Start Proxy Cookies Trash 05:00 ENG IN 22-02-2024

An update has been downloaded for Postman. Restart now to install the update.

ATE-phase3-PostmanTraining

CapstoneProject / AddProduct

POST http://localhost:9010/add-shoe?id=1001&image=1.png&name=Sketchers&category=Running&sizes=9&price=5000

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

Key Value Description

id 1001

image 1.png

name Sketchers

category Running

sizes 9

price 5000

Body Cookies (1) Headers (6) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
  "code": 101,
  "message": "Sketchers Added Successfully.",
  "shoe": {
    "id": 1001,
    "image": "1.png",
    "name": "Sketchers",
    "category": "Running",
    "sizes": "9",
    "price": "5000"
  }
}
```

Online Find and replace Console

Postbot Runner Start Proxy Cookies Trash 05:01 ENG IN 22-02-2024

The screenshot shows the Postman application interface. On the left, the sidebar displays collections like 'CapstoneProject', 'Collection-demo-Newman', 'GitHub-API', 'HttpMethods-Demo', 'Lesson2-APITesting', 'Newman-Export', and environments like 'newman-env'. The main workspace shows a 'DELETE' request for the 'DeleteProduct' endpoint at `http://localhost:9010/delete-shoe?id=1001`. The 'Params' tab is selected, showing query parameters: 'id' with value '1001'. Below the request, the 'Body' tab shows a JSON response:

```
1 {
2     "code": 101,
3     "message": "Shoe with ID 1001 Deleted Successfully."
4 }
```

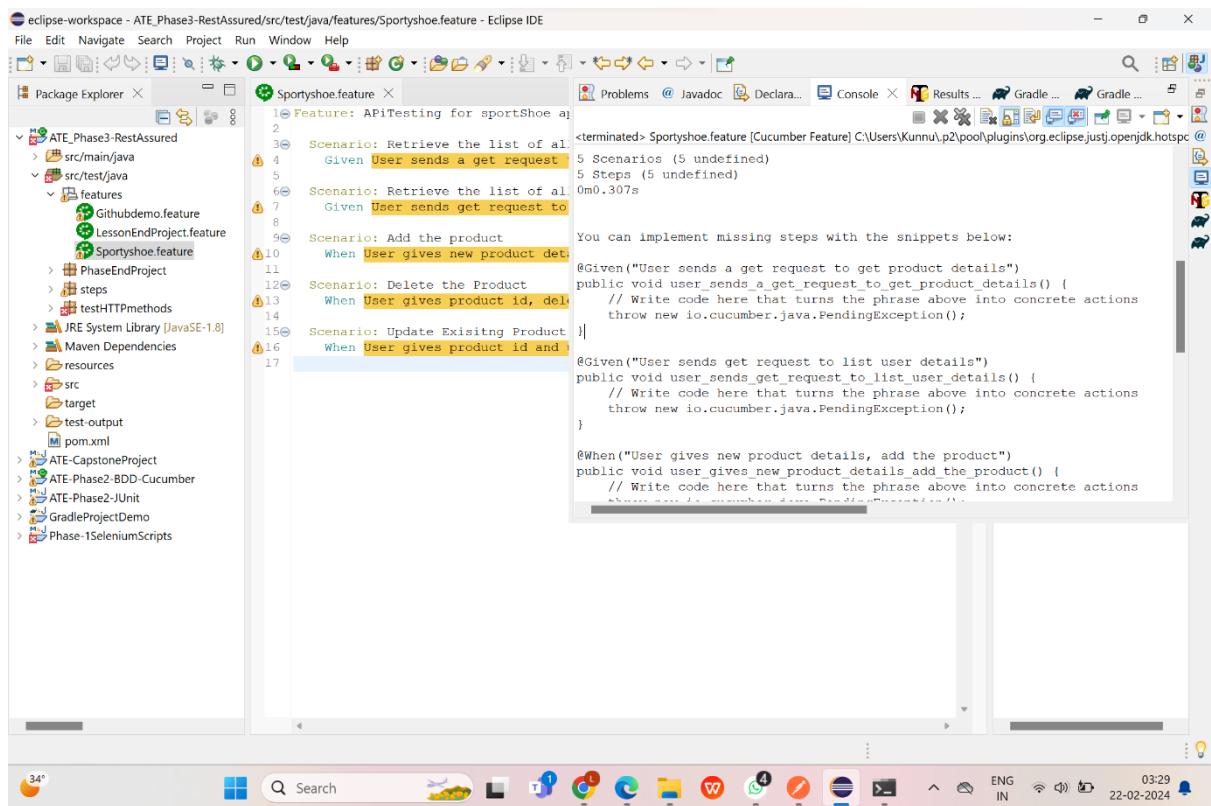
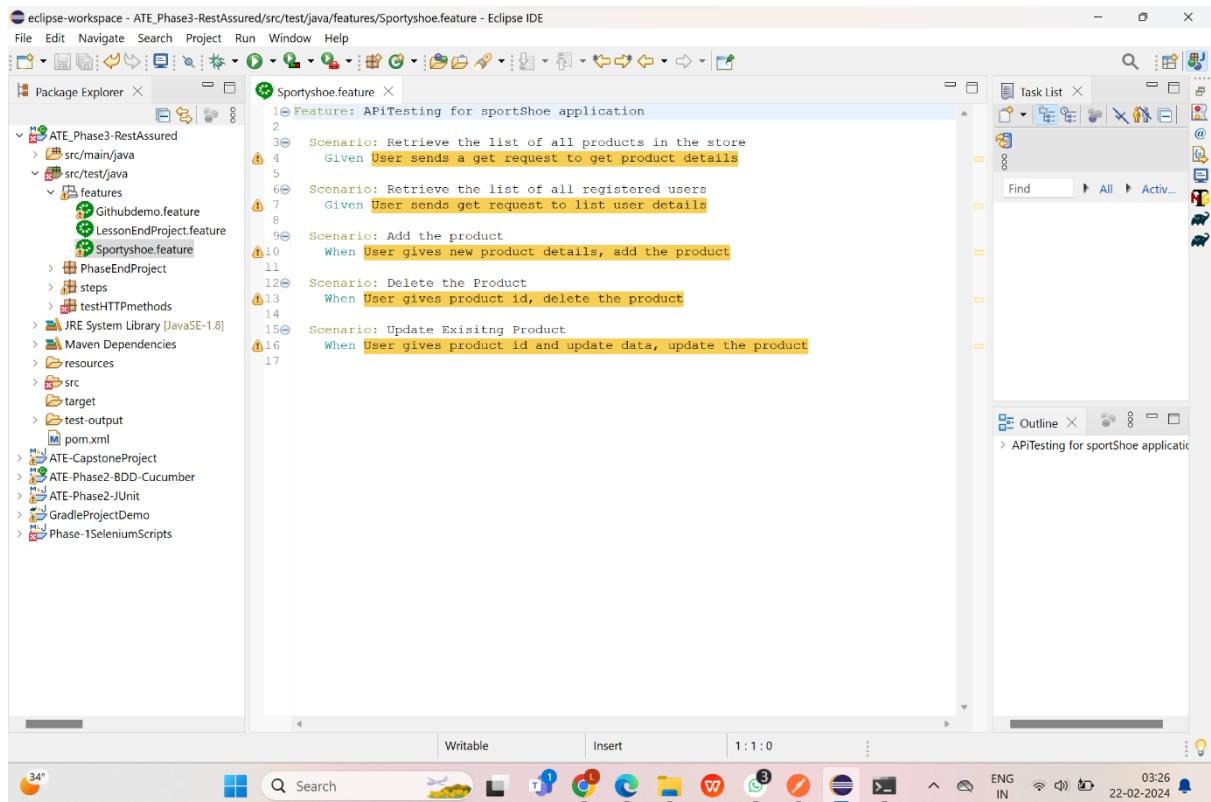
The screenshot shows the Postman application interface. The left sidebar displays a collection named "ATE-phase3-PostmanTraining" containing several environments and a history section. The main workspace shows a "CapstoneProject / UpdateProduct" collection. A "PUT" request is selected with the URL `http://localhost:9010/update-shoe?id=101&name=SketchersShoes&category=Walking&sizes=8,9,10&price=1000&image=image.png`. The "Params" tab shows the following key-value pairs:

Key	Description
id	101
name	SketchersShoes
category	Walking
sizes	8,9,10
price	1000
image	image.png

The "Body" tab shows the JSON response:

```
4 "shoe": {  
5   "id": 101,  
6   "image": "image.png",  
7   "name": "SketchersShoes",  
8   "category": "Walking",  
9   "sizes": "8,9,10",  
10  "price": 1000  
11 }  
12 }
```

The bottom navigation bar includes links for "Postbot", "Runner", "Start Proxy", "Cookies", "Trash", and the current date "22-02-2024".



eclipse-workspace - ATE_Phase3-RestAssured/src/test/java/steps/ApiTesting.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer

```
1 package steps;
2 import org.hamcrest.Matchers;
3 import io.cucumber.java.en.Given;
4 import io.cucumber.java.en.When;
5 import io.restassured.RestAssured;
6
7 public class ApiTesting {
8     @Given("User sends a get request to ge")
9     public void user_sends_a_get_request_to_ge()
10    RestAssured.given()
11        .baseUri("http://localhost:9010")
12        .basePath("/get-shoes")
13        .when().get()
14        .then().statusCode(200)
15        .log().body();
16    }
17    @Given("User sends get request to list")
18    public void user_sends_get_request_to_list()
19    RestAssured.given()
20        .baseUri("http://localhost:9010")
21        .basePath("/get-users")
22        .when().get()
23        .then().statusCode(200)
24        .log().body();
25    }
26    @When("User gives new product details")
27    public void user_gives_new_product_det()
28    RestAssured.given()
29        .baseUri("http://localhost:9010")
30        .basePath("/add-shoe")
31        .queryParams("id", "1003")
32        .queryParam("image", "img.png")
33        .queryParam("name", "Adidas")
34        .queryParam("category", "Running")
35        .queryParam("sizes", "9")
36        .queryParam("price", "1000")
37    }
38    @Then("User gets the response with the added product")
39    public void user_gets_the_response_with_the_added_product()
40    RestAssured.given()
41        .baseUri("http://localhost:9010")
42        .basePath("/get-shoes")
43        .when().get()
44        .then().statusCode(200)
45        .log().body();
46    }
47    @Then("User gets the response with the updated product")
48    public void user_gets_the_response_with_the_updated_product()
49    RestAssured.given()
50        .baseUri("http://localhost:9010")
51        .basePath("/update-shoe")
52        .when().put()
53        .then().statusCode(200)
54        .log().body();
55    }
56    @Then("User gets the response with the deleted product")
57    public void user_gets_the_response_with_the_deleted_product()
58    RestAssured.given()
59        .baseUri("http://localhost:9010")
60        .basePath("/delete-shoe")
61        .when().delete()
62        .then().statusCode(200)
63        .log().body();
64    }
65    @Then("User gets the response with the updated user")
66    public void user_gets_the_response_with_the_updated_user()
67    RestAssured.given()
68        .baseUri("http://localhost:9010")
69        .basePath("/update-user")
70        .when().put()
71        .then().statusCode(200)
72        .log().body();
73    }
74    @Then("User gets the response with the deleted user")
75    public void user_gets_the_response_with_the_deleted_user()
76    RestAssured.given()
77        .baseUri("http://localhost:9010")
78        .basePath("/delete-user")
79        .when().delete()
80        .then().statusCode(200)
81        .log().body();
82    }
83    @Then("User gets the response with the updated category")
84    public void user_gets_the_response_with_the_updated_category()
85    RestAssured.given()
86        .baseUri("http://localhost:9010")
87        .basePath("/update-category")
88        .when().put()
89        .then().statusCode(200)
90        .log().body();
91    }
92    @Then("User gets the response with the deleted category")
93    public void user_gets_the_response_with_the_deleted_category()
94    RestAssured.given()
95        .baseUri("http://localhost:9010")
96        .basePath("/delete-category")
97        .when().delete()
98        .then().statusCode(200)
99        .log().body();
100 }
```

Probl... @ Java... Decla... Cons... × Resul... Gradl... Gradl...

<terminated> Sportyshoe.feature [Cucumber Feature] C:\Users\Kunnu\p2pool\plugins\org.eclipse.jst.oper @ Feb 22, 2024 5:07:03 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.

Scenario: Retrieve the list of all products in the store # src/test/java/steps/ApiTesting.java

code": 101,
"message": "15 Shoes Fetched Successfully.",
"shoes": [
{"
"id": 101,
"image": "image.png",
"name": "SketchersShoes",
"category": "Walking",
"sizes": "8,9,10",
"price": 1000
},
{"
"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": "6, 7, 8, 9",
"price": 6000
},
{"
"id": 501,
"image": "5.png",
"name": "StreetRunner Urban Sneakers",
"category": "Sports",
"sizes": "7, 9",
"price": 4000
},
{"
"id": 601,
"image": "6.png",
"name": "VentureHike Trail Shoes",
"category": "Sports",
"sizes": "5, 8, 9",
"price": 2500
},
{"
"id": 701,
"image": "7.png",
"name": "EnduraGrip Sports Sneakers",
"category": "Sports",
"sizes": "4, 6, 9",
"price": 5000
},
]

ENG IN 05:07 22-02-2024

eclipse-workspace - ATE_Phase3-RestAssured/src/test/java/steps/ApiTesting.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer

```
1 package steps;
2 import org.hamcrest.Matchers;
3 import io.cucumber.java.en.Given;
4 import io.cucumber.java.en.When;
5 import io.restassured.RestAssured;
6
7 public class ApiTesting {
8     @Given("User sends a get request to ge")
9     public void user_sends_a_get_request_to_ge()
10    RestAssured.given()
11        .baseUri("http://localhost:9010")
12        .basePath("/get-shoes")
13        .when().get()
14        .then().statusCode(200)
15        .log().body();
16    }
17    @Given("User sends get request to list")
18    public void user_sends_get_request_to_list()
19    RestAssured.given()
20        .baseUri("http://localhost:9010")
21        .basePath("/get-users")
22        .when().get()
23        .then().statusCode(200)
24        .log().body();
25    }
26    @When("User gives new product details")
27    public void user_gives_new_product_det()
28    RestAssured.given()
29        .baseUri("http://localhost:9010")
30        .basePath("/add-shoe")
31        .queryParams("id", "1003")
32        .queryParam("image", "img.png")
33        .queryParam("name", "Adidas")
34        .queryParam("category", "Running")
35        .queryParam("sizes", "9")
36        .queryParam("price", "1000")
37    }
38    @Then("User gets the response with the added product")
39    public void user_gets_the_response_with_the_added_product()
40    RestAssured.given()
41        .baseUri("http://localhost:9010")
42        .basePath("/get-shoes")
43        .when().get()
44        .then().statusCode(200)
45        .log().body();
46    }
47    @Then("User gets the response with the updated product")
48    public void user_gets_the_response_with_the_updated_product()
49    RestAssured.given()
50        .baseUri("http://localhost:9010")
51        .basePath("/update-shoe")
52        .when().put()
53        .then().statusCode(200)
54        .log().body();
55    }
56    @Then("User gets the response with the deleted product")
57    public void user_gets_the_response_with_the_deleted_product()
58    RestAssured.given()
59        .baseUri("http://localhost:9010")
60        .basePath("/delete-shoe")
61        .when().delete()
62        .then().statusCode(200)
63        .log().body();
64    }
65    @Then("User gets the response with the updated user")
66    public void user_gets_the_response_with_the_updated_user()
67    RestAssured.given()
68        .baseUri("http://localhost:9010")
69        .basePath("/update-user")
70        .when().put()
71        .then().statusCode(200)
72        .log().body();
73    }
74    @Then("User gets the response with the deleted user")
75    public void user_gets_the_response_with_the_deleted_user()
76    RestAssured.given()
77        .baseUri("http://localhost:9010")
78        .basePath("/delete-user")
79        .when().delete()
80        .then().statusCode(200)
81        .log().body();
82    }
83    @Then("User gets the response with the updated category")
84    public void user_gets_the_response_with_the_updated_category()
85    RestAssured.given()
86        .baseUri("http://localhost:9010")
87        .basePath("/update-category")
88        .when().put()
89        .then().statusCode(200)
90        .log().body();
91    }
92    @Then("User gets the response with the deleted category")
93    public void user_gets_the_response_with_the_deleted_category()
94    RestAssured.given()
95        .baseUri("http://localhost:9010")
96        .basePath("/delete-category")
97        .when().delete()
98        .then().statusCode(200)
99        .log().body();
100 }
```

Probl... @ Java... Decla... Cons... × Resul... Gradl... Gradl...

<terminated> Sportyshoe.feature [Cucumber Feature] C:\Users\Kunnu\p2pool\plugins\org.eclipse.jst.oper @ Feb 22, 2024 5:07:03 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.

Scenario: Retrieve the list of all products in the store # src/test/java/steps/ApiTesting.java

code": 101,
"message": "15 Shoes Fetched Successfully.",
"shoes": [
{"
"id": 101,
"image": "image.png",
"name": "SketchersShoes",
"category": "Walking",
"sizes": "8,9,10",
"price": 1000
},
{"
"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": "6, 7, 8, 9",
"price": 6000
},
{"
"id": 501,
"image": "5.png",
"name": "StreetRunner Urban Sneakers",
"category": "Sports",
"sizes": "7, 9",
"price": 4000
},
{"
"id": 601,
"image": "6.png",
"name": "VentureHike Trail Shoes",
"category": "Sports",
"sizes": "5, 8, 9",
"price": 2500
},
{"
"id": 701,
"image": "7.png",
"name": "EnduraGrip Sports Sneakers",
"category": "Sports",
"sizes": "4, 6, 9",
"price": 5000
},
]

ENG IN 05:07 22-02-2024

eclipse-workspace - ATE_Phase3-RestAssured/src/test/java/steps/ApiTesting.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
    ATE_Phase3-RestAssured
        > src/main/java
        > src/test/java
            > features
                Githubdemo.feature
                LessonEndProject.feature
                Sportyshoe.feature
            > PhaseEndProject
            > steps
                > ApiTesting.java
                Githubdemo.java
                LessonEndDemo.java
            > testHTTPmethods
        > JRE System Library [JavaSE-1.8]
        > Maven Dependencies
        > resources
        > src
        > target
        > test-output
        pom.xml
    ATE-CapstoneProject
    ATE-Phase2-BDD-Cucumber
    ATE-Phase2-JUnit
    GradleProjectDemo
    Phase-1SeleniumScripts

    ApiTesting.java X
    1 package steps;
    2 import org.hamcrest.Matchers;
    3 import io.cucumber.java.en.Given;
    4 import io.cucumber.java.en.When;
    5 import io.restassured.RestAssured;
    6
    7 public class ApiTesting {
    8     @Given("User sends a get request to get")
    9     public void user_sends_a_get_request_to_get() {
    10         RestAssured.given()
    11             .baseUri("http://localhost:9010")
    12             .basePath("/get-shoes")
    13             .when().get()
    14             .then().statusCode(200)
    15             .log().body();
    16     }
    17     @Given("User sends get request to list")
    18     public void user_sends_get_request_to_list() {
    19         RestAssured.given()
    20             .baseUri("http://localhost:9010")
    21             .basePath("/get-users")
    22             .when().get()
    23             .then().statusCode(200)
    24             .log().body();
    25     }
    26     @When("User gives new product details")
    27     public void user_gives_new_product_details() {
    28         RestAssured.given()
    29             .baseUri("http://localhost:9010")
    30             .basePath("/add-shoe")
    31             .queryParams("id", "1003")
    32             .queryParam("image", "img.png")
    33             .queryParam("name", "Addidas")
    34             .queryParam("category", "Running")
    35             .queryParam("sizes", "9")
    36             .queryParam("price", "1000")
    37             .queryParam("price", "1000")
    38             .queryParam("price", "1000")
    39             .queryParam("price", "1000")
    }
}

```

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<terminated> Sportyshoe.feature [Cucumber Feature] C:\Users\Kunnu\p2\pool\plugins\org.eclipse.jst.joper @

{

 "id": 901,
 "image": "9.png",
 "name": "MaxFit Pro Sports Shoes",
 "category": "Sports",
 "sizes": "7, 8, 9, 10",
 "price": 4700
},
{
 "id": 111,
 "image": "10.png",
 "name": "RapidFlex Running Shoes",
 "category": "Sports",
 "sizes": "4, 5, 6",
 "price": 2500
},
{
 "id": 211,
 "image": "11.png",
 "name": "ZenFlex Sports Sneakers",
 "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
},

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eclipse-workspace - ATE_Phase3-RestAssured/src/test/java/steps/ApiTesting.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
    ATE_Phase3-RestAssured
        > src/main/java
        > src/test/java
            > features
                Githubdemo.feature
                LessonEndProject.feature
                Sportyshoe.feature
            > PhaseEndProject
            > steps
                > ApiTesting.java
                Githubdemo.java
                LessonEndDemo.java
            > testHTTPmethods
        > JRE System Library [JavaSE-1.8]
        > Maven Dependencies
        > resources
        > src
        > target
        > test-output
        pom.xml
    ATE-CapstoneProject
    ATE-Phase2-BDD-Cucumber
    ATE-Phase2-JUnit
    GradleProjectDemo
    Phase-1SeleniumScripts

    ApiTesting.java X
    1 package steps;
    2 import org.hamcrest.Matchers;
    3 import io.cucumber.java.en.Given;
    4 import io.cucumber.java.en.When;
    5 import io.restassured.RestAssured;
    6
    7 public class ApiTesting {
    8     @Given("User sends a get request to get")
    9     public void user_sends_a_get_request_to_get() {
    10         RestAssured.given()
    11             .baseUri("http://localhost:9010")
    12             .basePath("/get-shoes")
    13             .when().get()
    14             .then().statusCode(200)
    15             .log().body();
    16     }
    17     @Given("User sends get request to list")
    18     public void user_sends_get_request_to_list() {
    19         RestAssured.given()
    20             .baseUri("http://localhost:9010")
    21             .basePath("/get-users")
    22             .when().get()
    23             .then().statusCode(200)
    24             .log().body();
    25     }
    26     @When("User gives new product details")
    27     public void user_gives_new_product_details() {
    28         RestAssured.given()
    29             .baseUri("http://localhost:9010")
    30             .basePath("/add-shoe")
    31             .queryParams("id", "1003")
    32             .queryParam("image", "img.png")
    33             .queryParam("name", "Addidas")
    34             .queryParam("category", "Running")
    35             .queryParam("sizes", "9")
    36             .queryParam("price", "1000")
    37             .queryParam("price", "1000")
    38             .queryParam("price", "1000")
    39             .queryParam("price", "1000")
    }
}

```

Probl... @ Java... Declara... Cons... × Resul... Gradl... Gradl... S...

<terminated> Sportyshoe.feature [Cucumber Feature] C:\Users\Kunnu\p2\pool\plugins\org.eclipse.jst.joper @

{

 "id": 1001,
 "image": "1.png",
 "name": "Sketchers",
 "category": "Running",
 "sizes": "9",
 "price": 5000
},
{
 "id": 1003,
 "image": "img.png",
 "name": "Addidas",
 "category": "Running",
 "sizes": "9",
 "price": 1000
},
{
 "id": 1001,
 "image": "1.png",
 "name": "Sketchers",
 "category": "Running",
 "sizes": "9",
 "price": 5000
}
}

Given User sends a get request to get product details # steps.ApiTe
scenario: Retrieve the list of all registered users # src/test/java/f
"code": 101,
"message": "3 Users Fetched Successfully.",

ENG IN 05:10 22-02-2024

eclipse-workspace - ATE_Phase3-RestAssured/src/test/java/steps/ApiTesting.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X ApiTesting.java X

```
1 package steps;
2 import org.hamcrest.Matchers;
3 import io.cucumber.java.en.Given;
4 import io.cucumber.java.en.Then;
5 import io.restassured.RestAssured;
6
7 public class ApiTesting {
8     @Given("User sends a get request to get")
9     public void user_sends_a_get_request_to_get() {
10         RestAssured.given()
11             .baseUri("http://localhost:9010")
12             .basePath("get-shoes")
13             .when().get()
14             .then().statusCode(200)
15             .log().body();
16     }
17
18     @Given("User sends get request to list")
19     public void user_sends_get_request_to_list() {
20         RestAssured.given()
21             .baseUri("http://localhost:9010")
22             .basePath("get-users")
23             .when().get()
24             .then().statusCode(200)
25             .log().body();
26     }
27
28     @When("User gives new product details")
29     public void user_gives_new_product_details() {
30
31         RestAssured.given()
32             .baseUri("http://localhost:9010")
33             .basePath("add-shoe")
34             .queryParams("id", "1003")
35             .queryParam("image", "img.png")
36             .queryParam("name", "Adidas")
37             .queryParam("category", "Running")
38             .queryParam("sizes", "9")
39             .queryParam("price", "1000")
40     }
41 }
```

Probl... @ Java... Declara... Cons... Result... Gradl... Gradl... @

<terminated> Sportyshoe.feature [Cucumber Feature] C:\Users\Kunnur\p2pooh\plugins\org.eclipse.jst.operat

{ "code": 101, "message": "Shoe with ID 1003 Deleted Successfully." }

When User gives product id, delete the product # steps.ApiTesting.u

Scenario: Update Existing Product # sr
When User gives product id and update data, update the product # st

5 Scenarios (5 passed)
5 Steps (5 passed)
0m2.508s

Share your Cucumber Report with your team at <https://reports.cucumber.io>
Activate publishing with one of the following:

src/test/resources/cucumber.properties: cucumber.publish.e
src/test/resources/junit-platform.properties: cucumber.publish.e
Environment variable: CUCUMBER_PUBLISH_E
JUnit: @CucumberOptions(p

More information at <https://cucumber.io/docs/cucumber/environment-variable>

Disable this message with one of the following:

src/test/resources/cucumber.properties: cucumber.publish.q
src/test/resources/junit-platform.properties: cucumber.publish.q

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Jmeter:

