

Lesson 02 Demo 03

Executing Test Cases with Cucumber

Objective: To execute test cases with Cucumber to automate testing, enhance collaboration, and ensure the software meets specifications

Tool required: Eclipse IDE

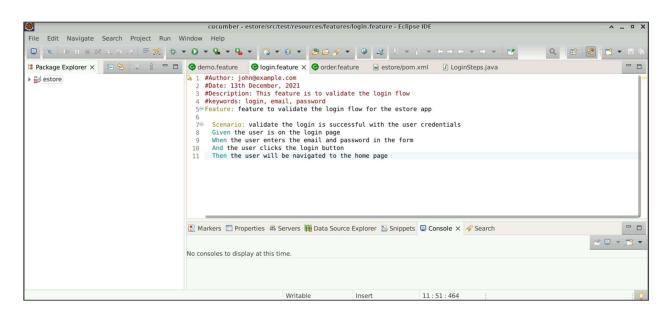
Prerequisites: None

Steps to be followed:

- 1. Add dependencies to the **pom.xml** file
- 2. Add annotations in the AppTest class
- 3. Execute the configuration

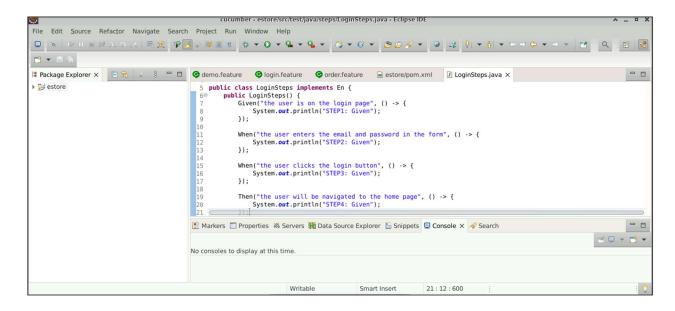
Step 1: Add dependencies to the pom.xml file

1.1 Navigate to the **estore** project and open the **login.feature** from the **resources** feature

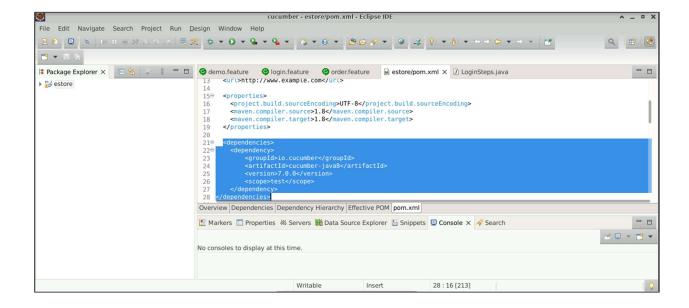




1.2 With respect to the steps given in the Scenario in the login.feature file, you can get the steps definition in the Java file called LoginSteps with the annotations @Given, @When, @And, and @Then.

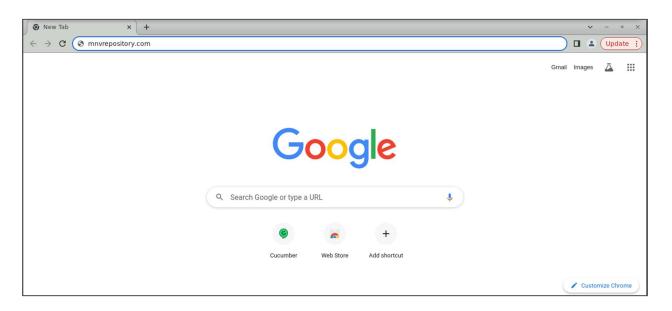


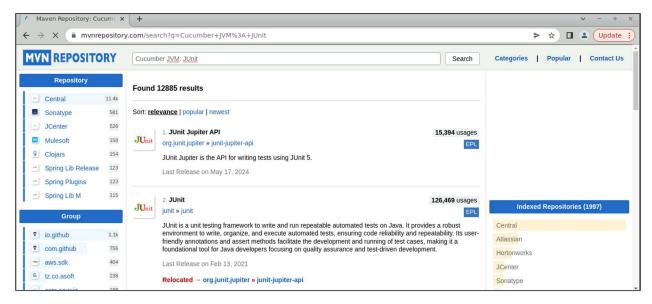
1.3 To execute the test, you need to add a few dependencies in the **pom.xml** file. Then check the current dependencies in the pom.xml.





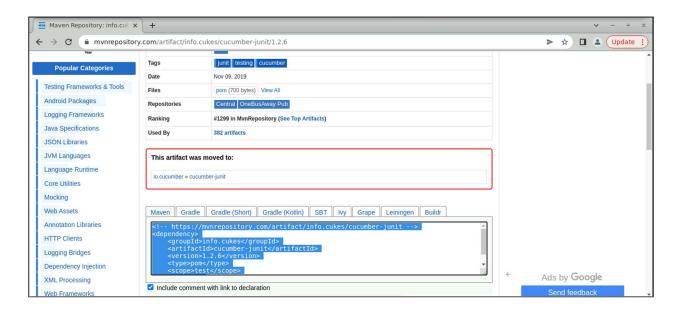
1.4 Now, you can add another dependency named **Cucumber-JUnit.** To do this, search for **Cucumber JVM**: **JUnit** in **mvnrepository.com**.



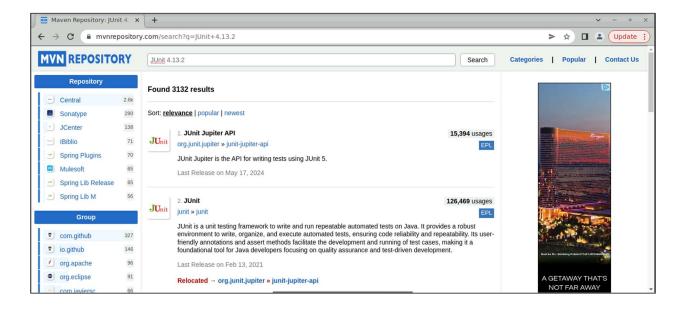




1.5 Select the dependency and then paste it into the pom.xml file



1.6 Now, you can add another dependency named JUnit. To do this, search for JUnit in mvnrepository.com.



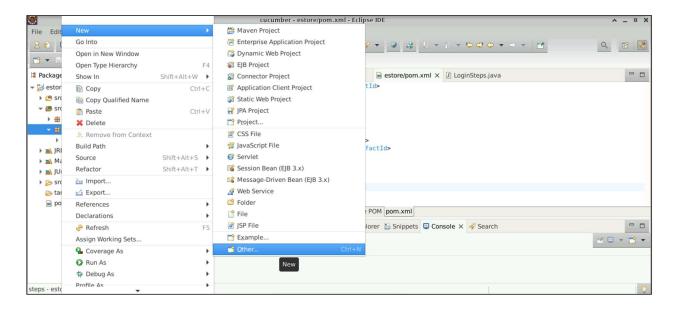


1.7 copy the dependency and paste it to the pom.xml file



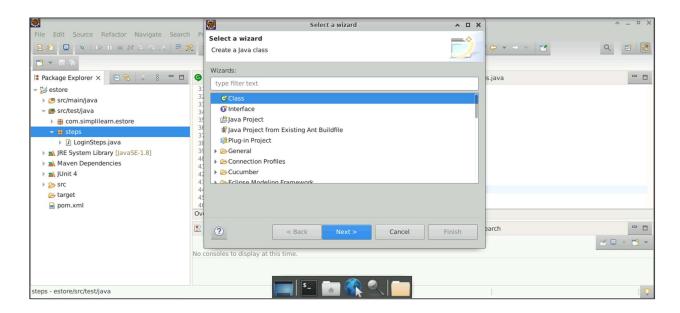
Step 2: Add annotations in the AppTest class

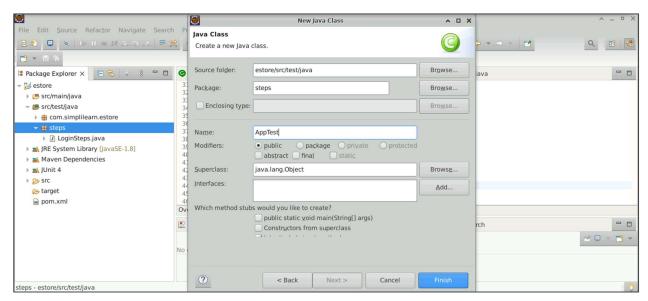
2.1 Navigate to the src/test/java, Select New, and then click on Other





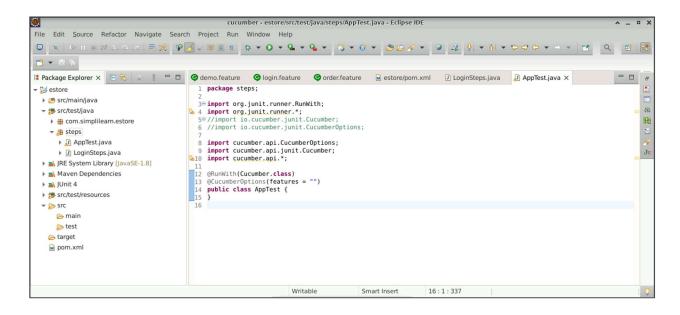
2.2 Select Class and click on Next. Then, create a class named AppTest.



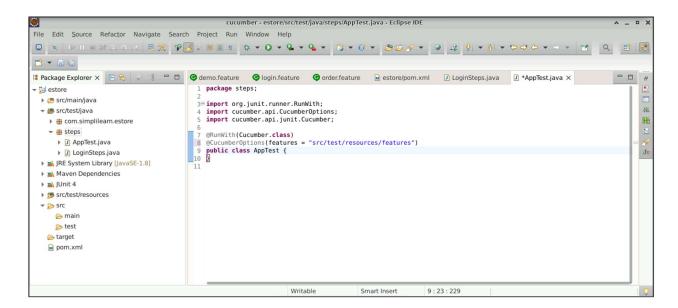




2.3 In the AppTest.java file, add two annotations @RunWith and @CucumberOptions

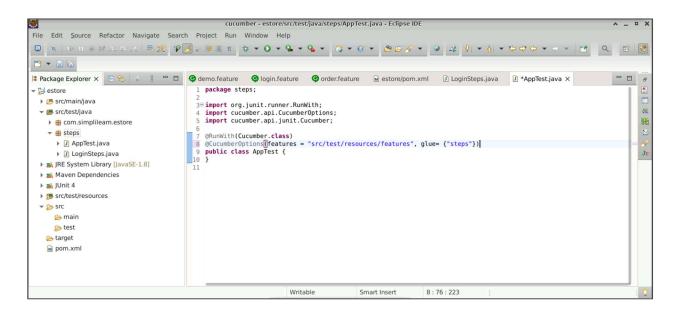


2.4 Copy the src/test/resources path to the feature file



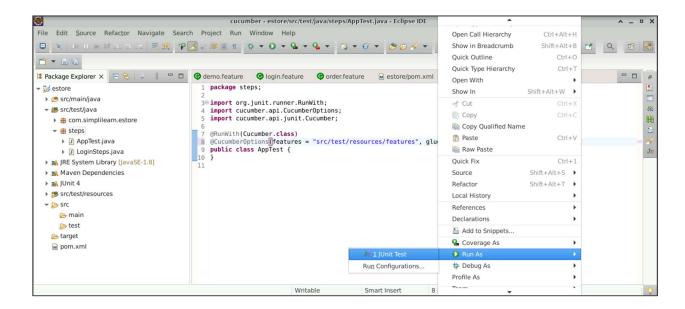


2.5 Specify another attribute as glue



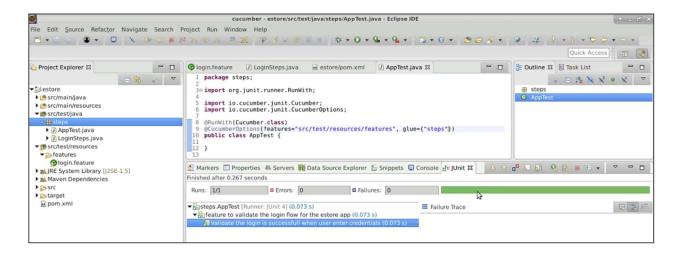
Step 3: Execute the configuration

3.1 Now, run this configuration, right-click and select **Run As**, and then click on **JUnit Test**





3.2 You can see the green color. This shows that the execution is running properly.



You have successfully executed the test cases with Cucumber by following these steps.