Lesson 02 Demo 01

Writing Scenario Using the Gherkin Syntax

Objective: To write the scenario using Gherkin syntax for creating the feature files and running the Cucumber tests

Tool required: Eclipse IDE
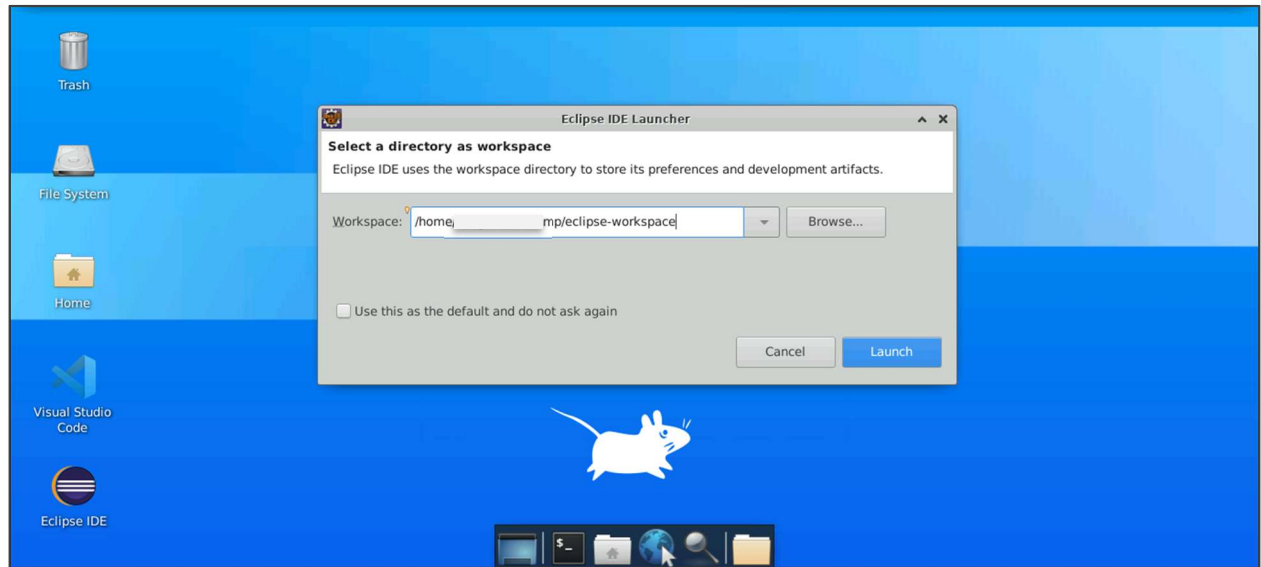
Prerequisites: None

Steps to be followed:

1. Add dependencies to the pom.xml file
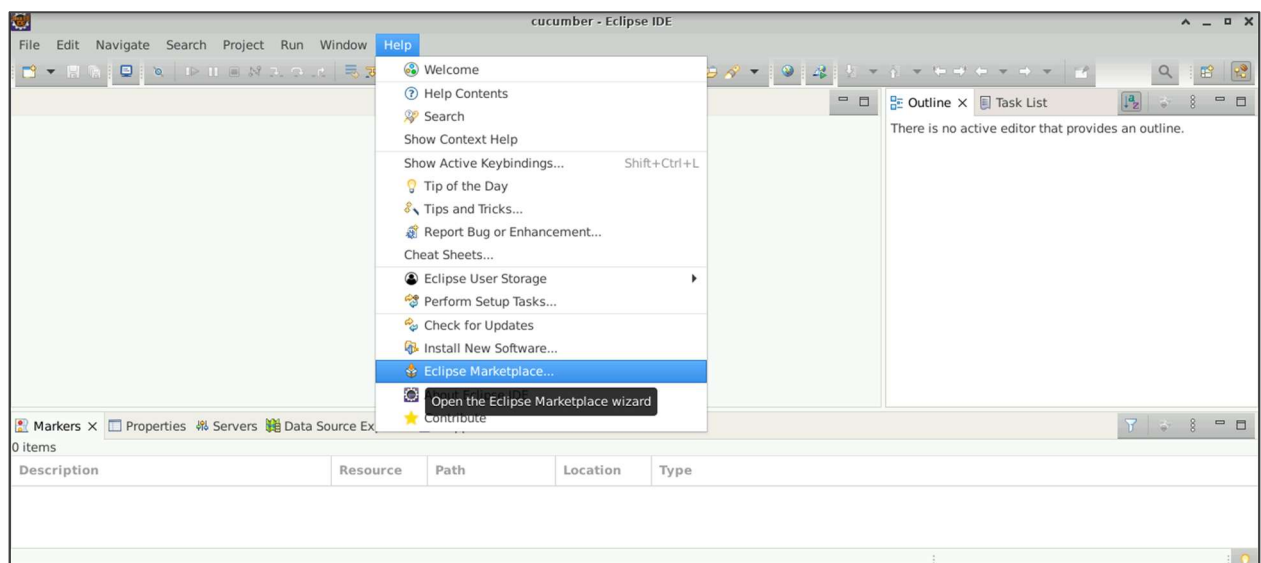2. Create feature files
3. Run Cucumber tests

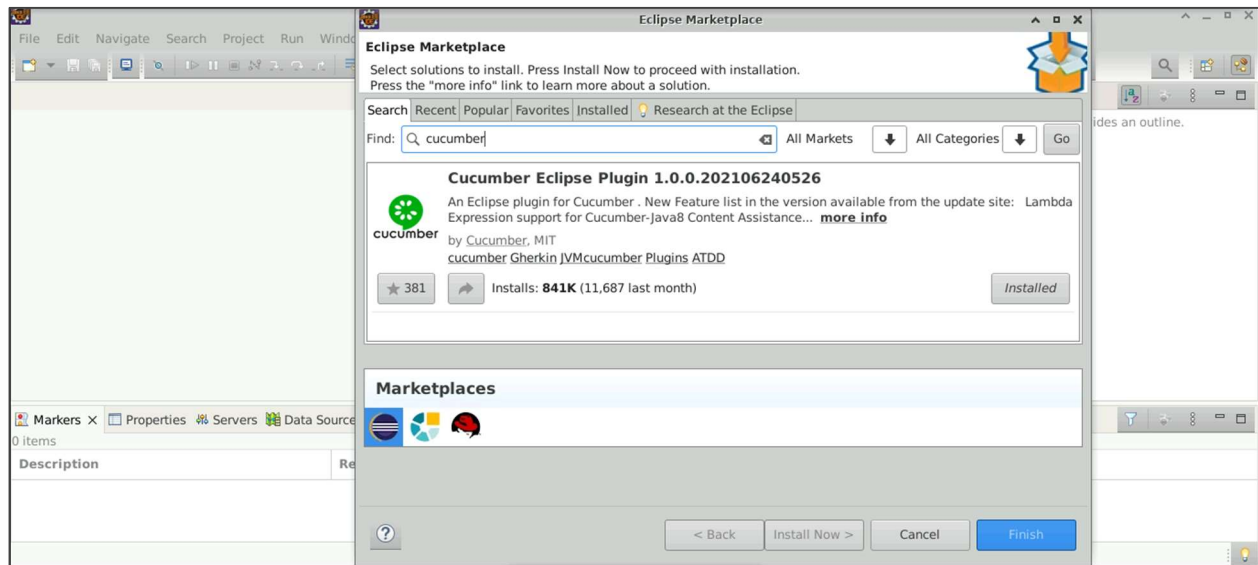## Step 1: Add dependencies to the pom.xml file

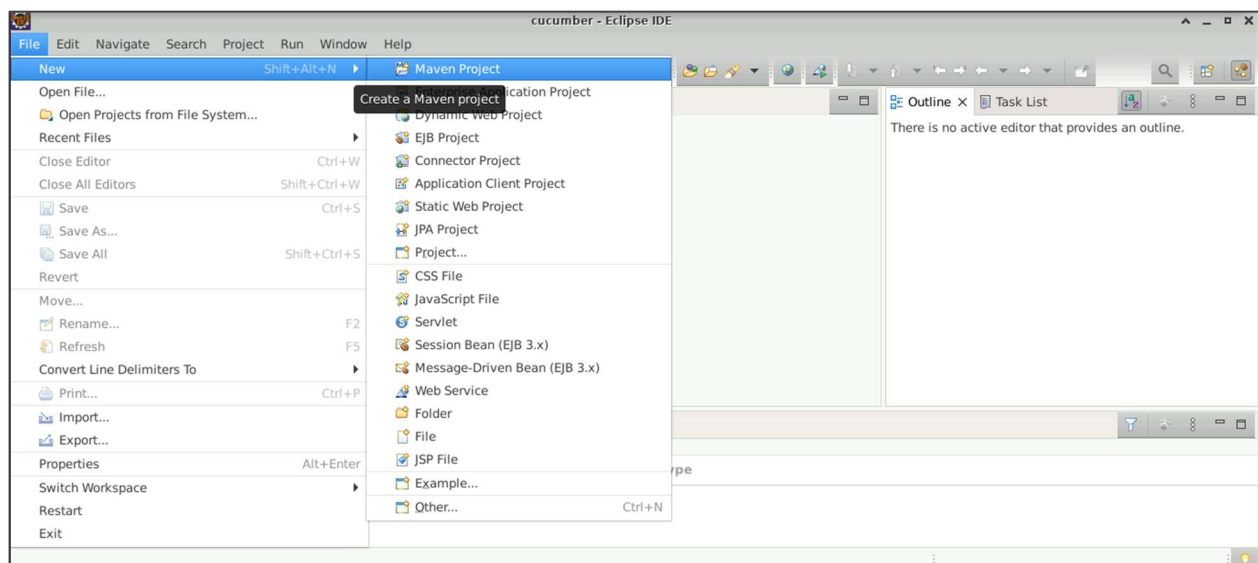1.1 Open Eclipse IDE and choose a workplace, then click on **Launch**

1.2 Go to **Help**, select **Eclipse Marketplace**, and search for Cucumber. Then, click on **Finish**.
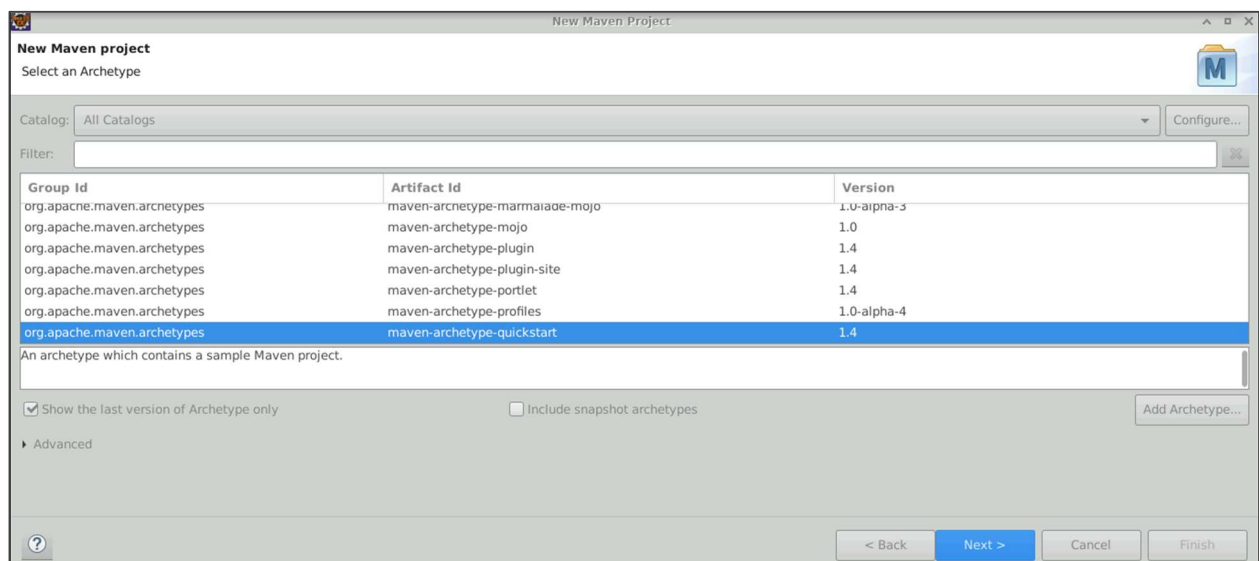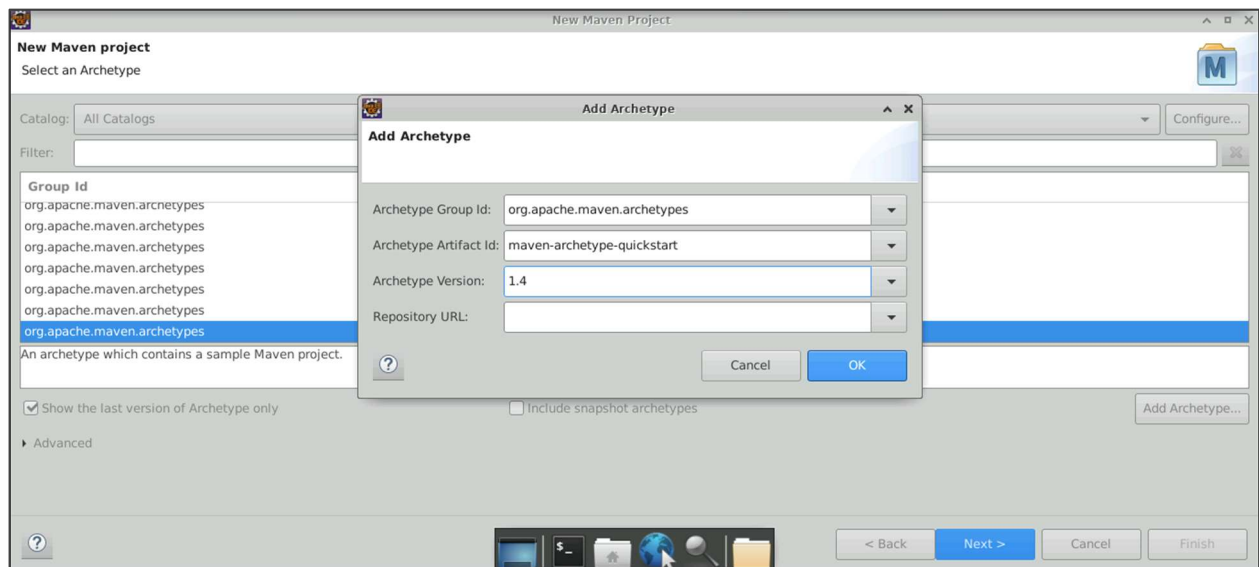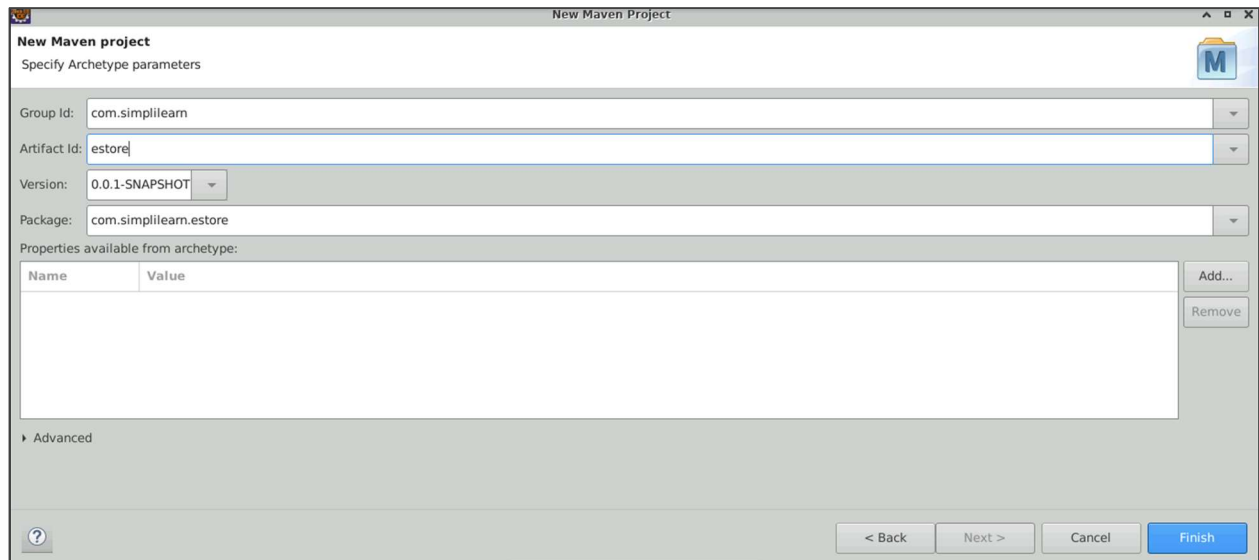
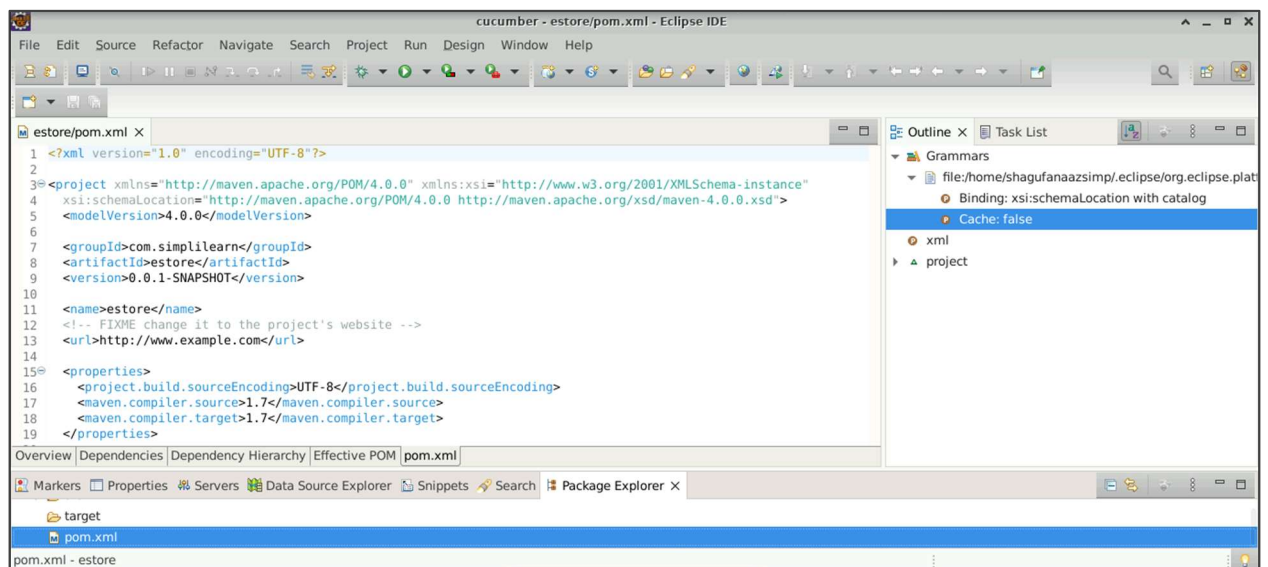1.3 Click on **File**, select **New**, and then click on **Maven Project**

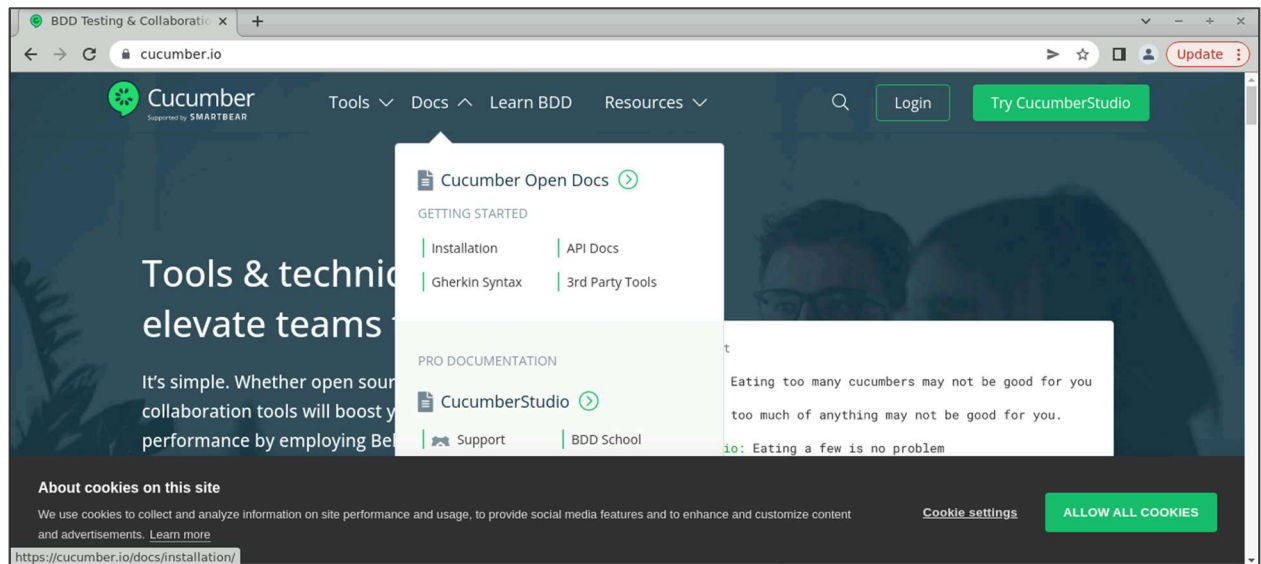1.4 Click on **Add Archetype** and add the details mentioned in the screenshot below. Then, click **Next.**

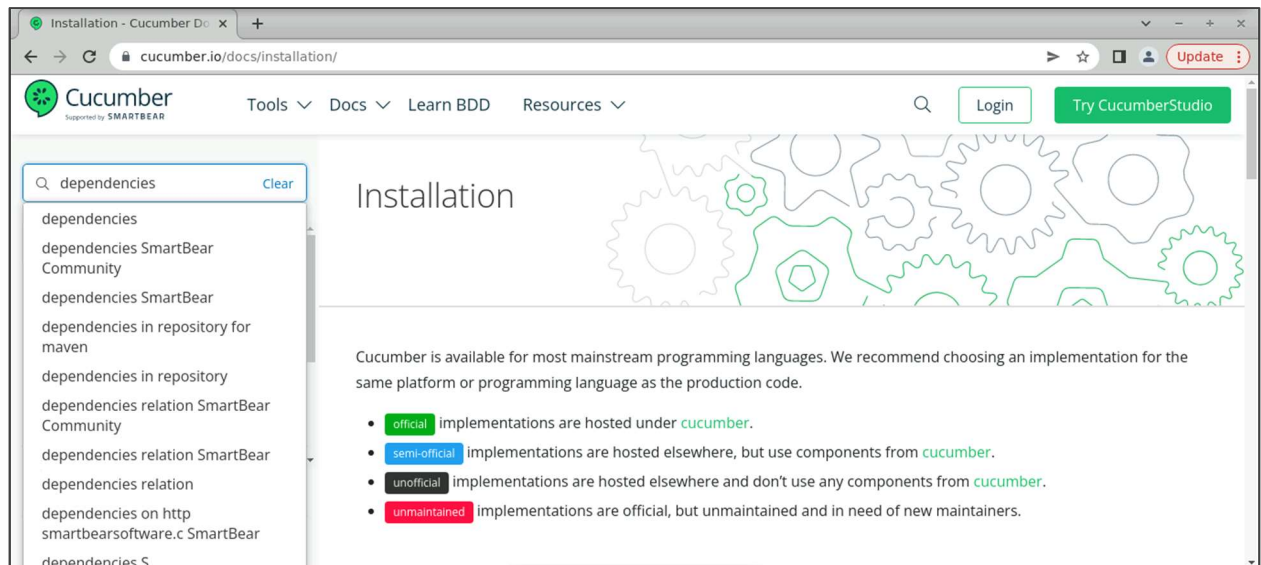## 1.5 Add a **Group Id** and **Artifact Id**, and then click on **Finish**

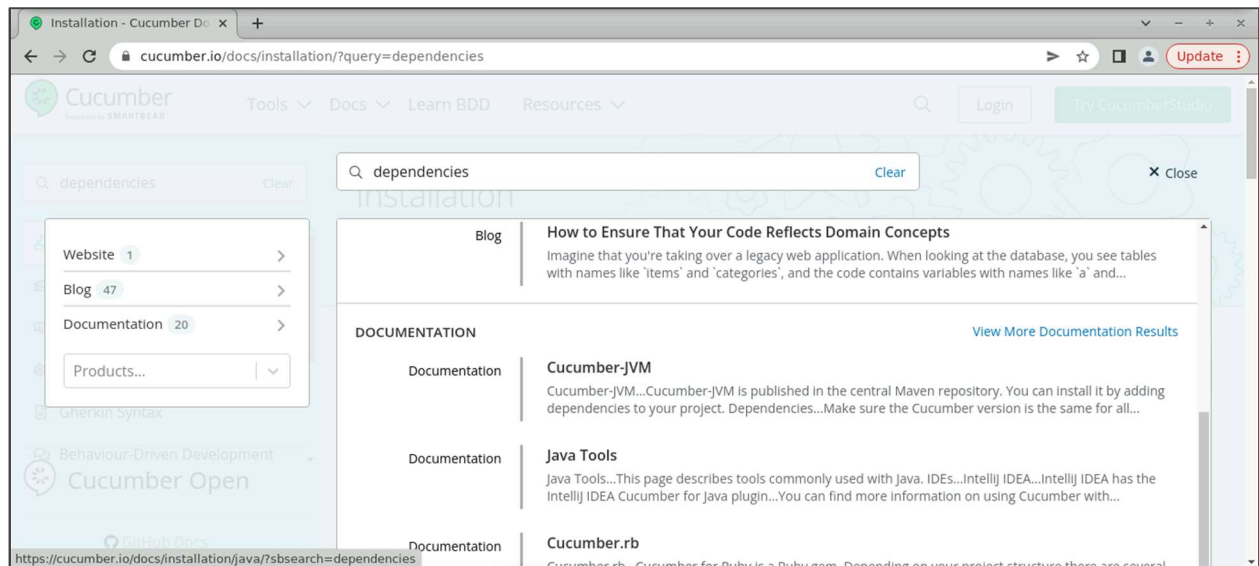## 1.6 Open the **pom.xml** file by pressing Alt + Shift + Q, and then press P

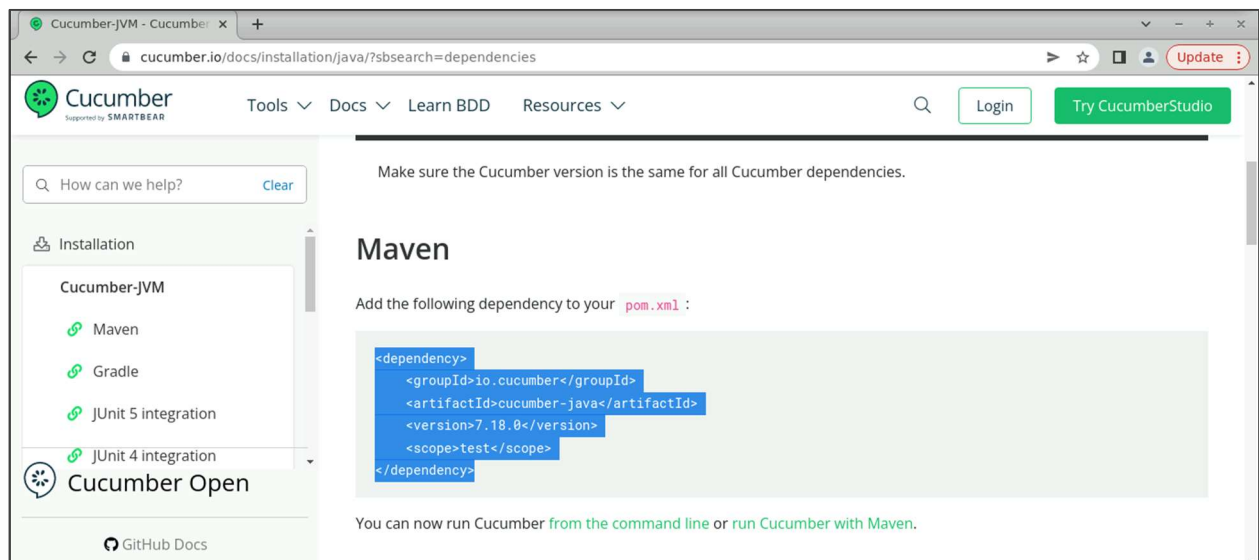1.7 Search for **cucumber.io** in the browser, click on **Docs,** and select **Installation**
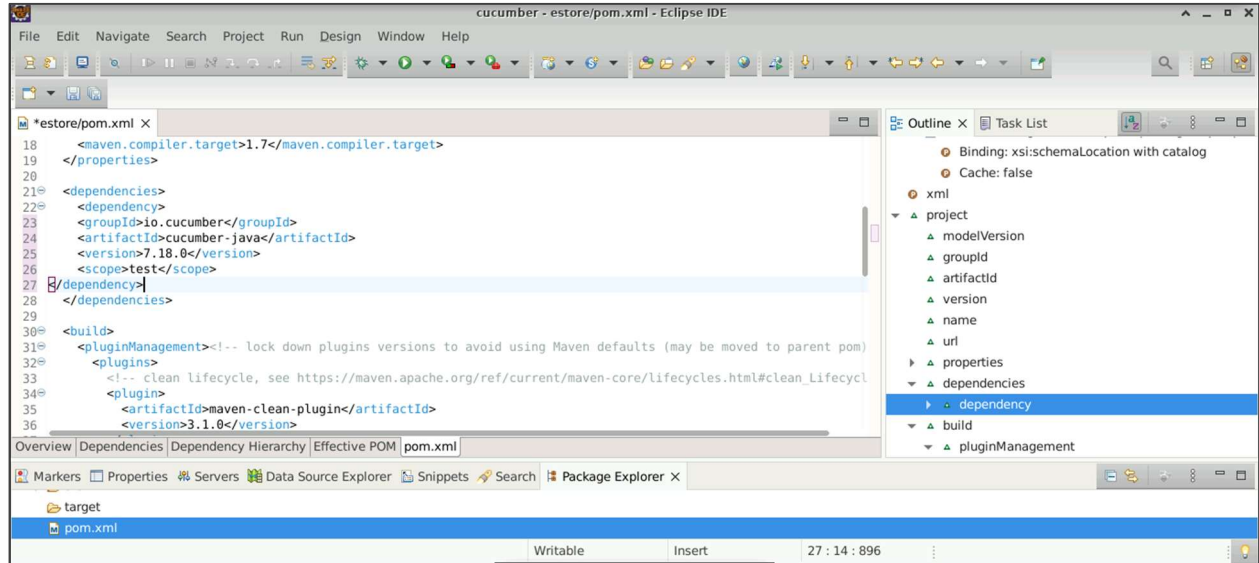

1.8 Search and click on **dependencies**

1.9 Click on **Cucumber-JVM**

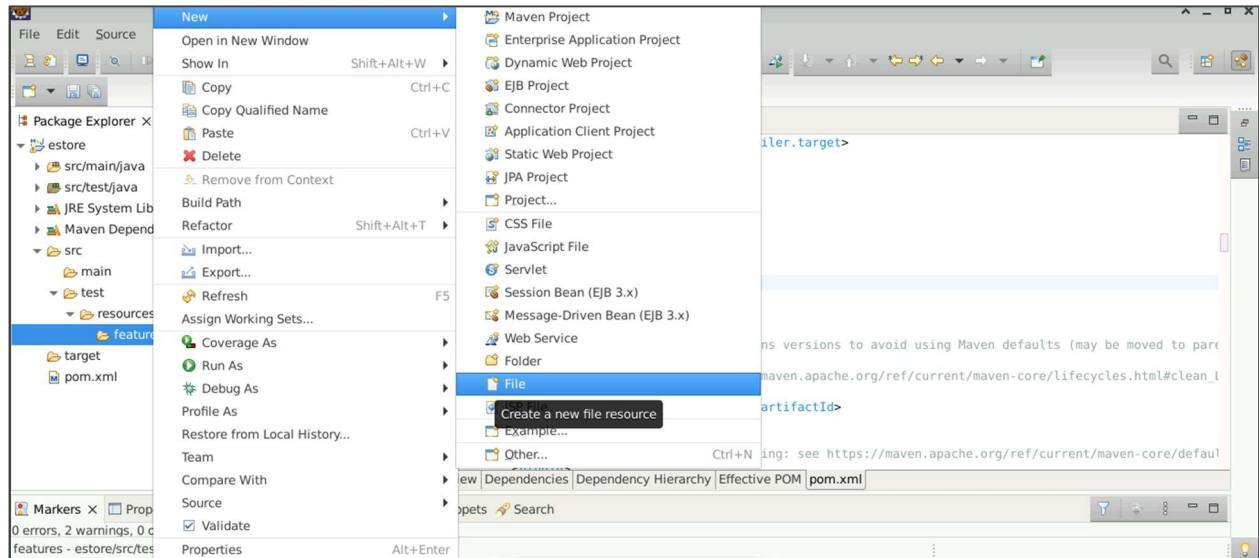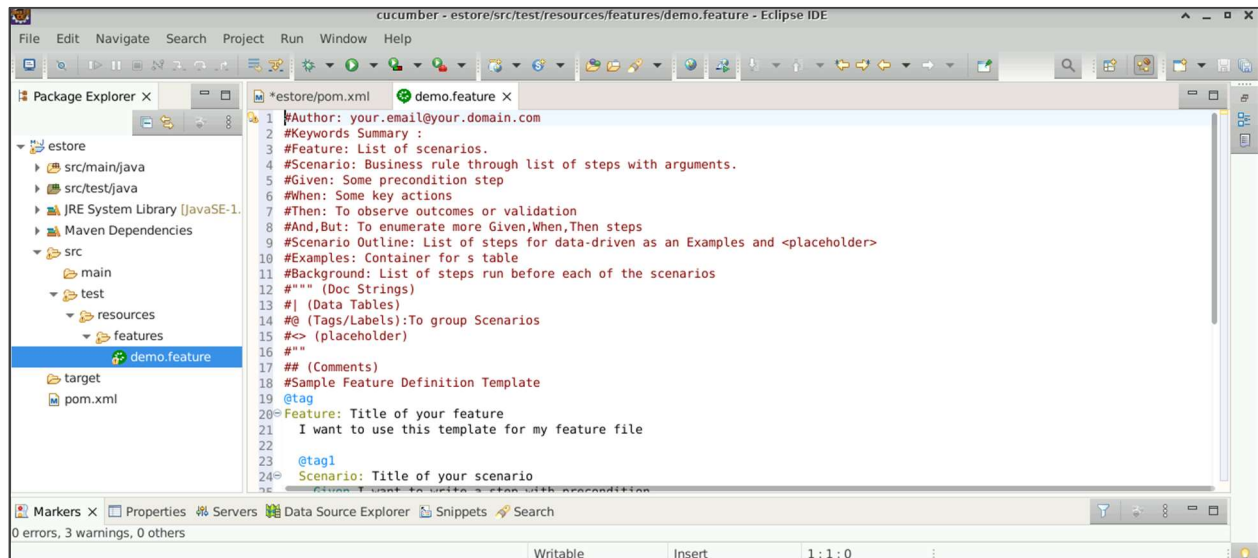1.10 Copy the dependencies tag and paste it into the pom.xml file
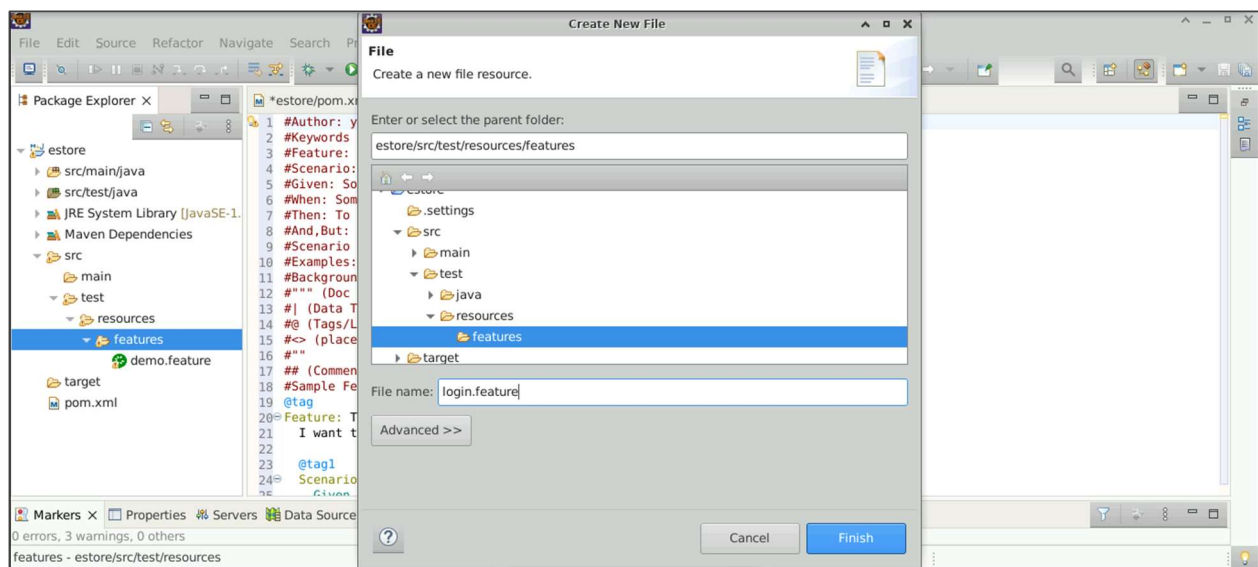
Step 2: Create feature files

2.1 Create a new folder in the resources directory named **features**. Then, select a new text file and name it as **demo.feature.**

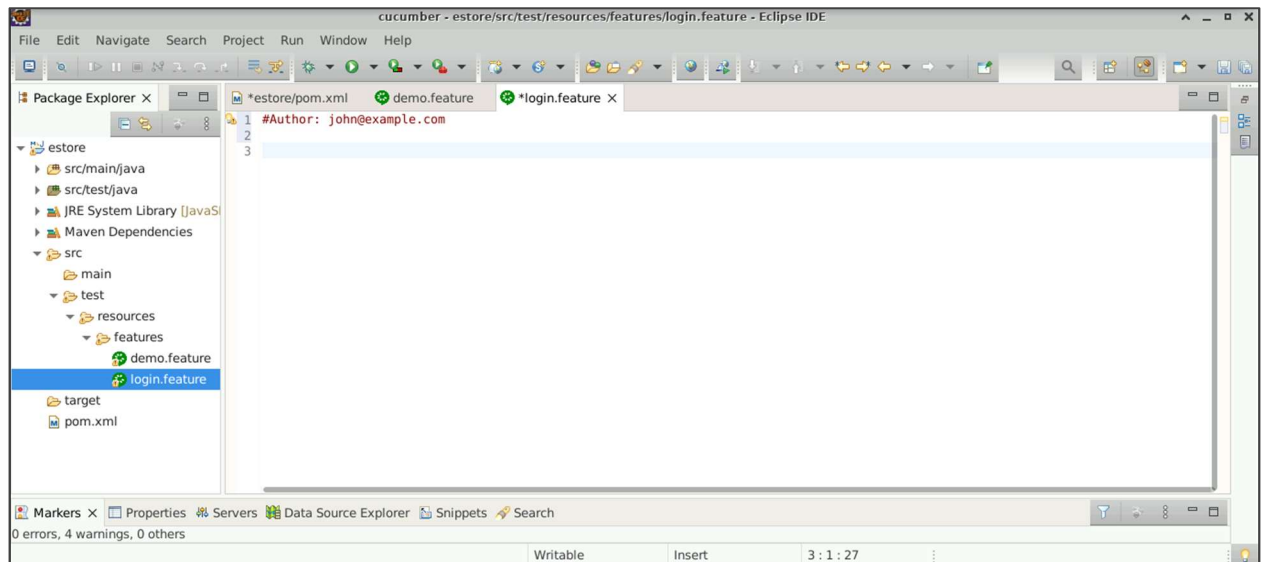## 2.2 Create another feature file and name it **login.feature**
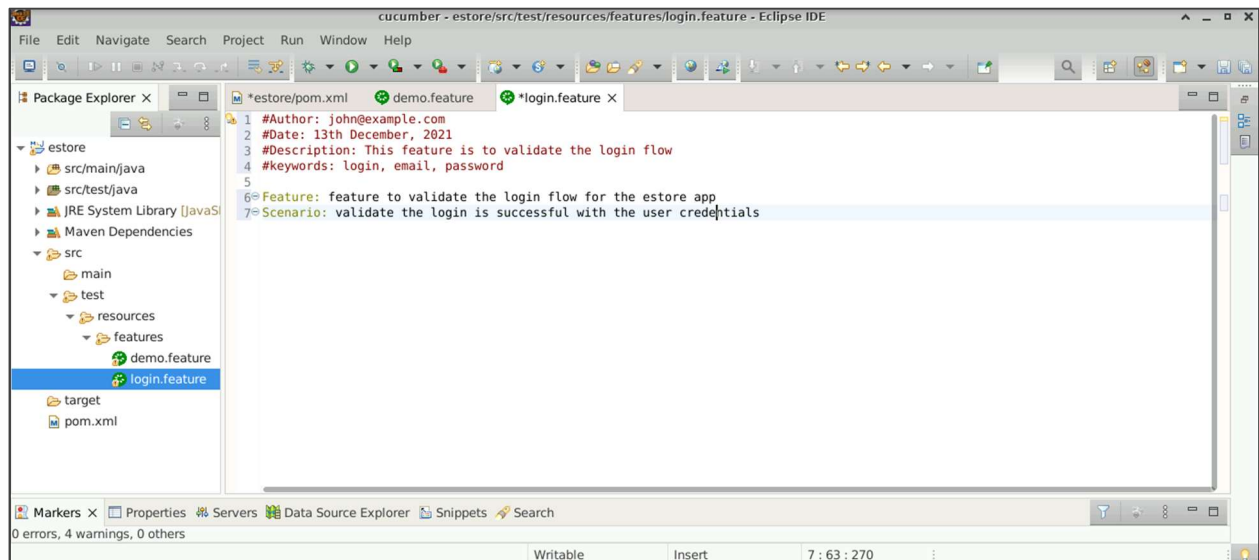
2.3 Remove all the statements except the first one

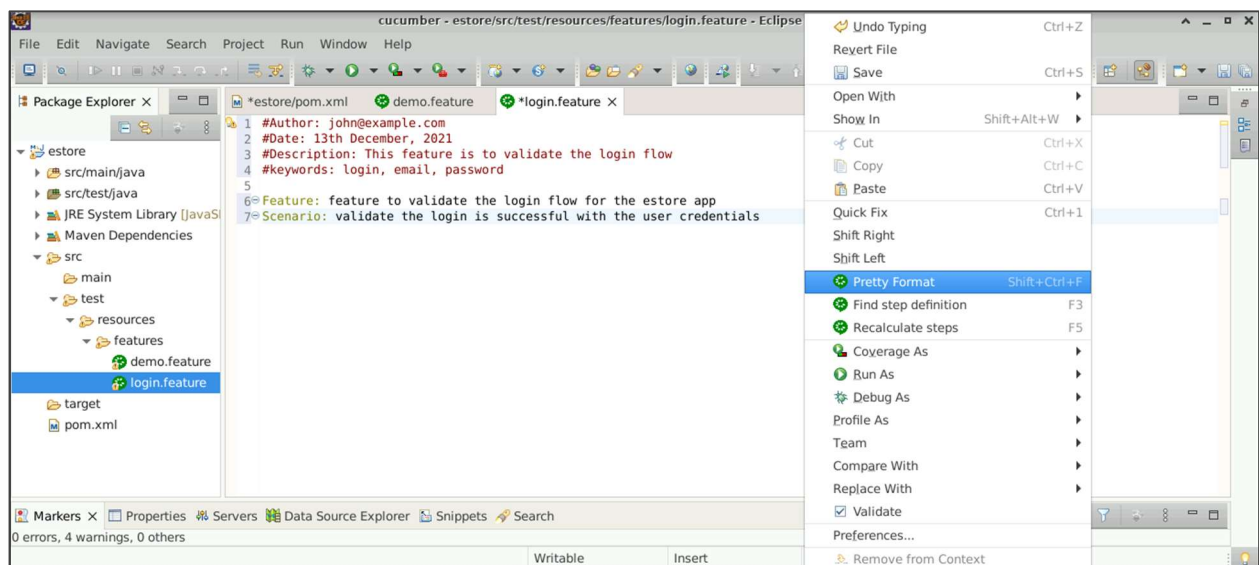## 2.4 Add the author as **john@example.com**

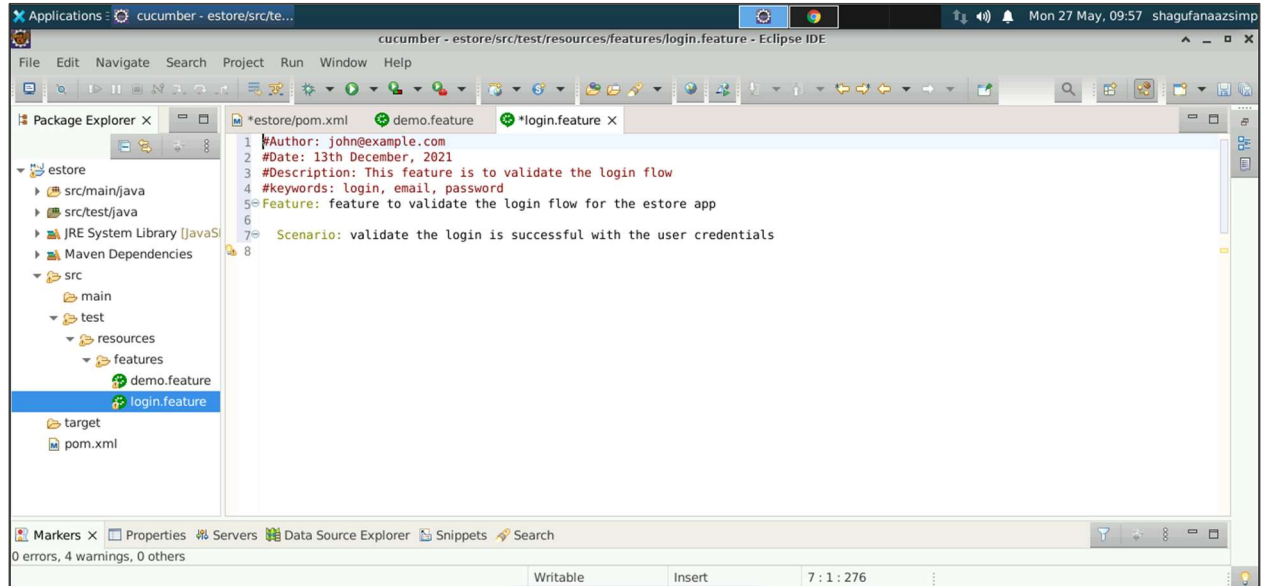## 2.5 Specify the **Date**, **Description**, and **Keywords**. Then, create and define the **Feature**.
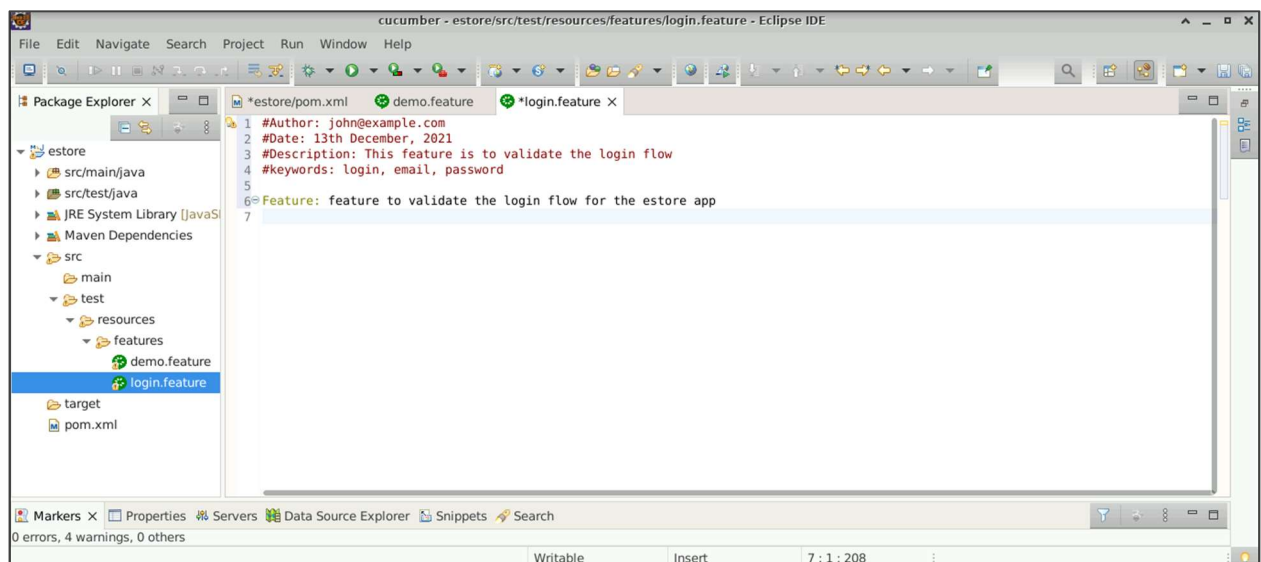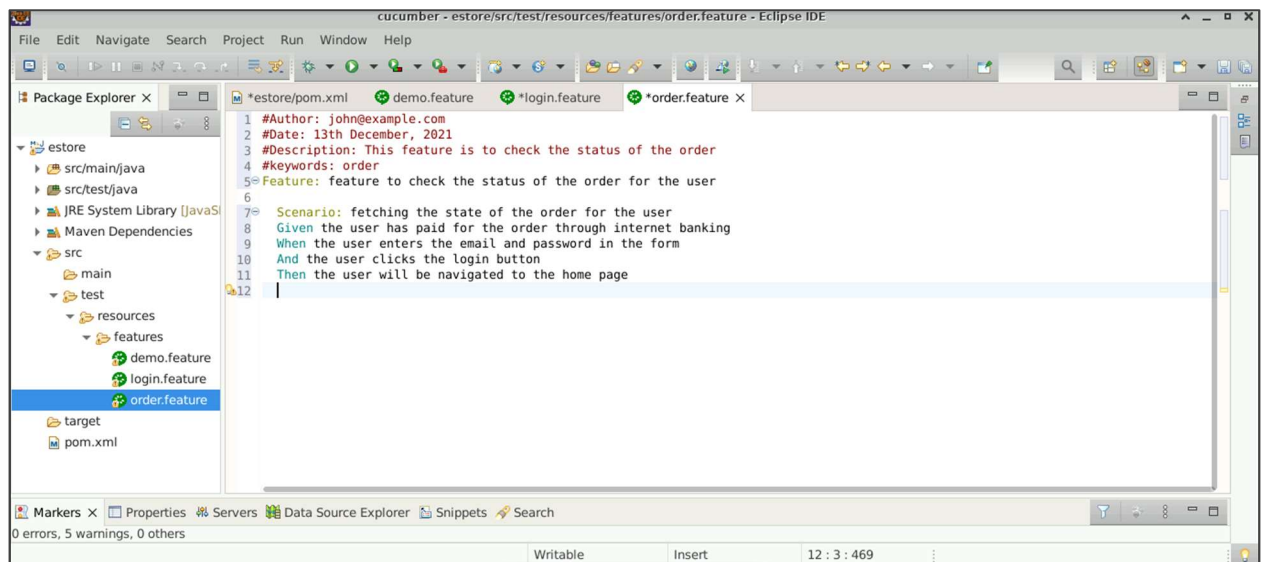
2.6 Add a **Scenario**

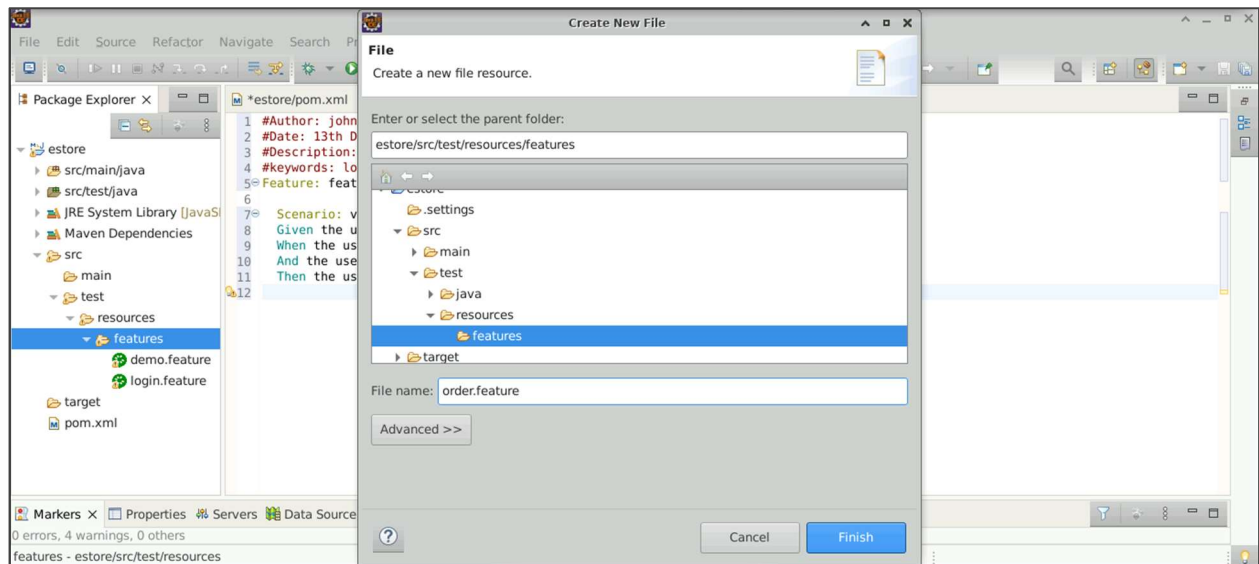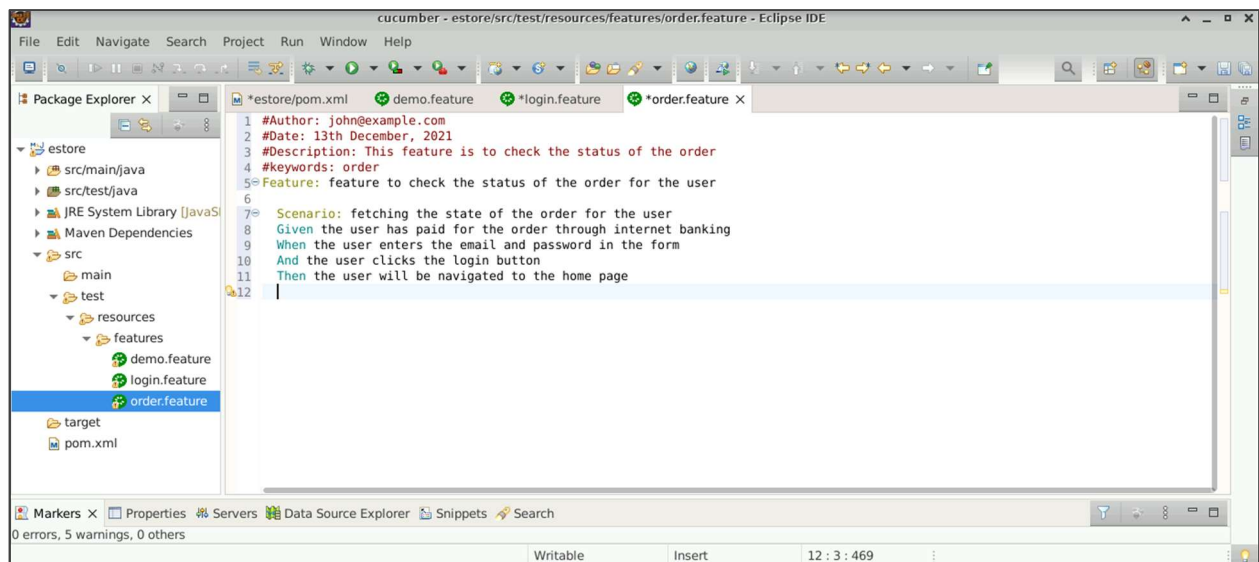## 2.7 Right-click and select **Pretty Format**

2.8 Add the following statements to the scenario

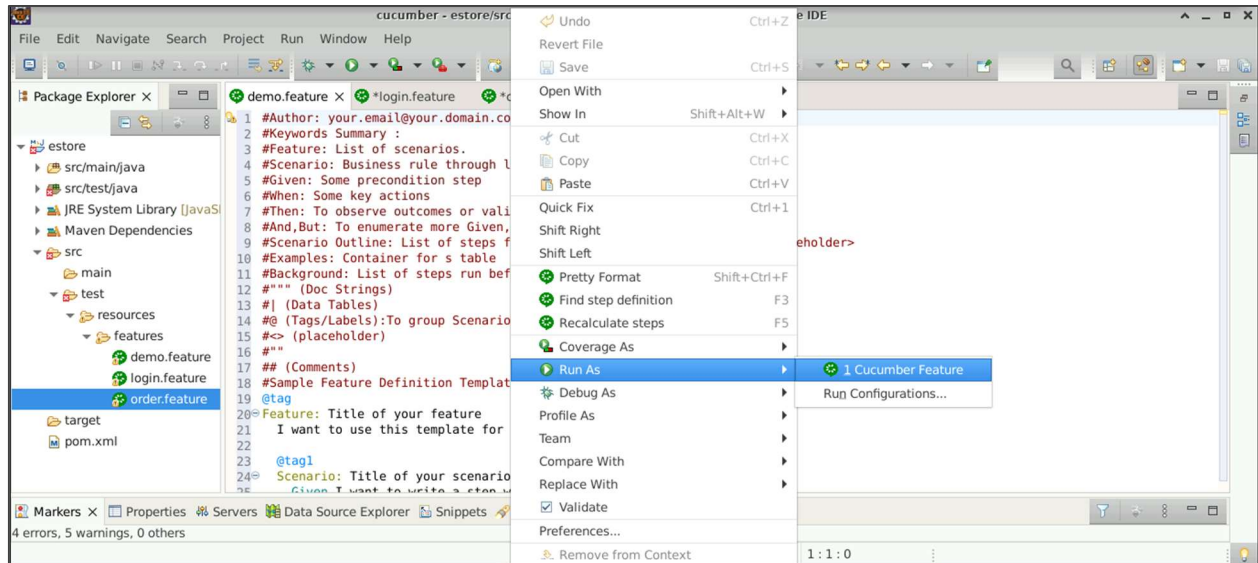## 2.9 Create one new file named **order.feature**

2.10 Update the Description, Feature and the Scenario as shown in the screenshot below
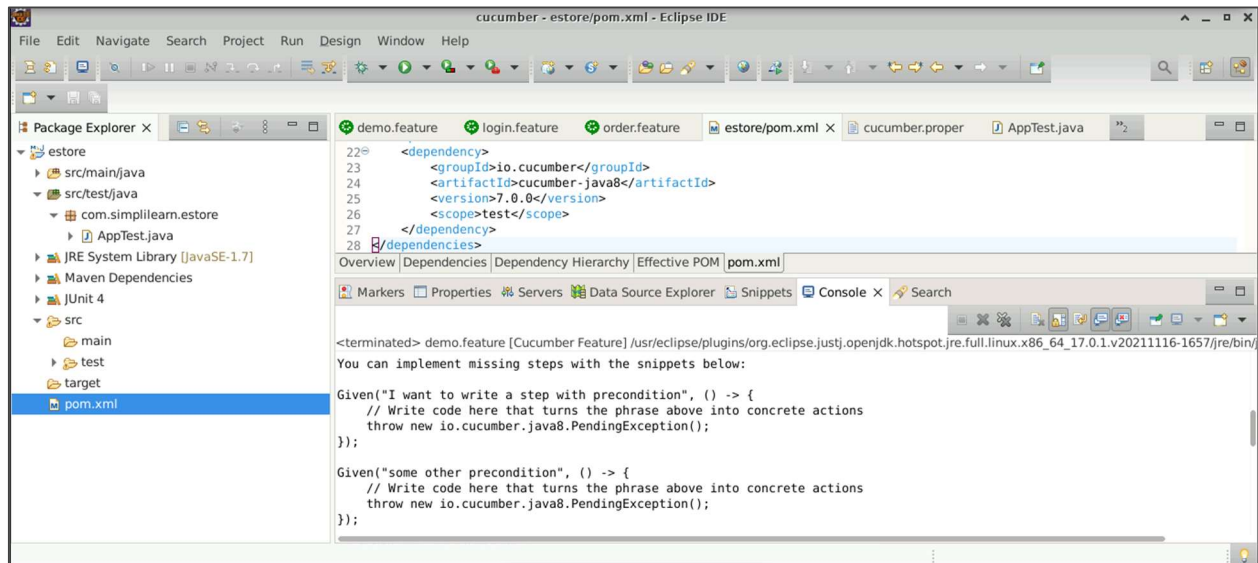
Step 3: Run Cucumber tests

3.1 Right-click and select **Run As**, and then click on **Cucumber Feature**

The output is shown in the screenshot below:

In this way, you can write the scenario using Gherkin syntax for creating the feature files and running the cucumber tests.