Cucumber

package runner;  
  
import org.junit.runner.RunWith;  
  
import io.cucumber.junit.Cucumber;  
import io.cucumber.junit.CucumberOptions;  
  
@RunWith(Cucumber.class)  
@CucumberOptions(features = "E:\\USER PROFILE - C MYMOON\\Downloads\\cucumberFirstProject\\cucu\\src\\test\\resources\\Features\\Login\_amazon.feature",  
glue = {"Step\_defini","hooks"},plugin = {"pretty","json:target/AmazonProject/Search.json",  
 "pretty","html:target/AmazonProject/Search.html"})  
public class runner\_class {  
  
}

**Breakdown:**

* **@RunWith(Cucumber.class):**
  + This annotation is used with JUnit to tell it that this class is a test class that should be run using Cucumber.
  + It essentially marks the class as the entry point for your Cucumber tests.
* **@CucumberOptions:**
  + This annotation is used to configure various aspects of your Cucumber tests. It takes several arguments:
    - **features:**
      * Specifies the location(s) of your feature files that contain the test scenarios written in Gherkin language. Here, it points to a specific file named Login\_amazon.feature within the project structure.
    - **glue:**
      * Tells Cucumber where to find the implementation code for the steps defined in your feature files. In this case, it looks for classes in packages named Step\_defini and hooks. These packages likely contain code that interacts with the application under test (AUT) to execute the steps defined in the scenarios.
    - **plugin:**
      * Defines the reporting plugins that Cucumber should use to generate reports after running the tests. Here, it uses four plugins:
        + **pretty:** This plugin provides human-readable output to the console, making it easier to follow the test execution.
        + **json:target/AmazonProject/Search.json:** This plugin generates a JSON report that can be used for further analysis or integration with other tools. The report is saved in the target/AmazonProject/Search.json file.
        + **html:target/AmazonProject/Search.html:** This plugin creates an HTML report that provides a more visual representation of the test results. The report is saved in the target/AmazonProject/Search.html file.

**In summary:**

This code snippet configures a JUnit test class to run Cucumber tests. It specifies the location of the feature file, where to find the step definitions, and what reporting plugins to use.

Step 1: First include dependency in pom

Step 2: Create a Feature file in