Gherkin Comments and Tags

****

This section will guide you to understand:

* What is Gherkin Comment
* What are Gherkin Tags

**Development Environment:**

* JRE: OpenJDK Runtime Environment 11.0.2
* Eclipse IDE for Enterprise Java Developers v2019-03 (4.11.0)
* TestNG
* Selenium jars
* Cucumber jars

Gherkin comments with example.

* Comment is basically a piece of code meant for documentation purposes and not for execution.
* Feature file: In case of a feature file, we just need to put # before beginning your comment.

**Example:**

Feature: annotation

#This is how background can be used to eliminate duplicate steps

Background:

User navigates to Facebook

Given I am on Facebook login page

* Step definition file: If you are using Java as a platform then mark your comments with //.
* //scroll to the bottom of the page
* ((JavascriptExecutor) driver).executeScript("window.scrollTo(0, document.body.scrollHeight)");

Gherkin tags with example.

* if we have many scenarios in a feature file, to put them under a single umbrella, we use tags to generate reports for specific scenarios under the same tag.

Tags are defined in our runner class like this:

@RunWith(Cucumber.**class**)

@CucumberOptions{

format= {"Pretty" ,"json:target/output.json", "html:targer/html"},

feature={"src/functional-test/resources"},

tags={"@tag", "@tag1"} }

* When we define multiple tags in runner class in below form, it will be defined with the use of logical operator:
  + tags = {“@tag”, “@tag1”}: means AND condition. It says that scenarios matching both these tags need to be executed.
  + tags = {“@tag1, @tag2”}: means OR condition. It says that scenarios matching any of this tag need to be executed.