5.11 Logical AND or OR

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This section will guide you on:

* What is Logic AND/OR

**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

This guide has two subsections, namely:

## 5.11.1 Logic AND/OR in Cucumber

5.11.2 Pushing code to your GitHub repositories

## **Step 5.11.1:** Logical ANDing and ORing Tags

## There would be situations when you want to run all the scenarios related to two or more features. Cucumber tagging gives us the capability to choose what we want with the help of *ANDing* and *ORing*.

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| #Example of Non-Optional Capture Group  @nonoptional @smoke @basicsearch  Scenario: Keyword Search bu different users  When I fill "search textbox" with "dress"  Then I click "search button"  Then I follow "TOP SELLERS" **link**  Then She follow "TOP SELLERS" **link**  Then He follow "TOP SELLERS" **link**  Then **User** follow "TOP SELLERS" **link**    #String transformation example  @smoke @datetest @advancesearch  Scenario: Enter date **in** different format  Given The date is 2012-03-01T06:54:12 |

* **ANDing:** When we want to run the Scenarios with all the required Tags.

For example: when you want to execute scenarios tagged with @basicsearch and @smoke. Use below code in your Cucumber runner class:

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| @RunWith(Cucumber.class)  @CucumberOptions(  plugin = {"pretty", "html:target/cucumber"},  features = {"src/test/resources/features"},  glue={"com.pb.cucumberdemo.stepdefinitions"},  tags = {"@basicsearch", "@smoke"},  ) |

* **ORing:** When we want to run the Scenarios with either of the mentioned Tags. For example, when you want to execute the scenario tagged with @basicsearch or @advancedsearch.

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| --- |
| @CucumberOptions(  plugin = {"pretty", "html:target/cucumber"},  features = {"src/test/resources/features"},  glue={"com.pb.cucumberdemo.stepdefinitions"},  tags = {"@basicsearch, @advancesearch"},  ) |

**Step 5.11.2:** Pushing code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add . 

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master