Logical AND or OR

****

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

## 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*.

* #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:

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