**Command Line Executions:**

**Cucumber:**

***To run a single scenario from the command line.***

Step 1: Navigate to root project folder (where pom.xml file located)

Step 2: > **mvn test -Dcucumber.options**=”path to feature file including feature file:scenario line number”

> mvn test -Dcucumber.options=”path to feature file including feature file:line number”

***To run a feature file from the command line.***

Step 1: Navigate to root project folder (where pom.xml file located)

Step 2: > **mvn test -Dcucumber.options**=”path to feature file including feature file”

> mvn test -Dcucumber.options=”c:\users\sball\git\cathkidston.testautomation\src\test\resources\ShouldBeAbleToSearchProduct.feature”

***To run scenario using tags from the command line.***

Step 1: Navigate to root project folder (where pom.xml file located)

Step 2: > **mvn test -Dcucumber.options=”--tags @tag name”**

Example:

>mvn test -Dcucumber.options=”- -tags @search”

***To run multiple scenarios tags from the command line.***

Step 1: Navigate to root project folder (where pom.xml file located)

Step 2: > mvn test -Dcucumber.options=”--tags @tag name @tag name”

Example:

>mvn test -Dcucumber.options=”- -tags @search @smoke”

***To run multiple parameter from the command line.***

Step 1: Navigate to root project folder (where pom.xml file located)

Step 2: > mvn test -Dcucumber.options=”path to feature file” -Dcucumber.options=”path to feature file”

**TestNG:**

Step 1: we need to set classpath to folder containing packages and required Junit.jar files.

>set classpath=”to the binaries”

And set > set classpath=”to libraries”

Step 2: > **java org.testng.TesNG testing.xml**

Or can combine both as single command.

>java -cp “.\bin;.\libs\\*” org,testing.TestNG testing.xml

**TestNG with Maven way:**

Step1: configure maven-surefire-plugin with below configuration.

<configuration>

<suiteXmlFiles>

<suiteXmlFile>src/test/resources/testng.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

Step 2:

> **mvn clean install test -DsuiteXmlFile=testngSuite.xml**

**Junit:**

Step 1: Navigate to src/ folder where all java classes are there.

Step 2: then run javac to compile the test files.

>**javac -cp .: /path/to/folder/\* TestName.java**

[Note: -cp – classpath to . means setting to current directory and all \* means the libraries needed]

Then we will get bunch of \*.class files generated

Step 3: javac -cp .: /path/to/folder/\*” org.junit.runner.JUnitcore TestName

**Junit with Maven way:**

>mvn clean test

Or you can run a particular test as below

>**mvn clean test -Dtest=your.package.TestClassName**

>mvn clean test -Dtest=your.package.TestClassName#particularMethod