Cucumber & BDD (Continued)

- Install **Cucumber Eclipse Plug-in**
  - Launch Eclipse IDE and select 'Help' Menu > 'Install New Software' option
  - Click on 'Add' button and provide Name as 'Cucumber' and Location as 'http://cucumber.github.com/cucumber-eclipse/update-site'
  - Select to install the 'Cucumber Eclipse Plugin'
- Create Maven Project and Configure with Cucumber & Selenium
  - Create a new Maven Project by Right clicking on the Package Explorer and selecting 'New' > 'Other'
  - Filter Maven and select 'Maven Project' option
  - Select 'Create a simple project' option
  - Provide the artifact ID as Project Name and Group ID as Package name (Say CBProj and cbPack)
  - Google 'Cucumber Maven Dependency' and click on the link https://mvnrepository.com/artifact/info.cukes which got appeared in our Search Results
  - Copy the dependency tags for 1.2.2 versions of both Cucumber JVM: JUnit and Cucumber JVM : Java in between the dependencies tags of pom.xml file and save the Project
  - Google 'JUnit Maven Dependency' and click on the link https://mvnrepository.com/artifact/junit/junit which got appeared in our Search Results
  - Copy the dependency tag for 4.11 version of JUnit in between the dependencies tags of pom.xml file and save the Project
  - Google 'Selenium Maven Dependency' and click on the link https://mvnrepository.com/artifact/org.seleniumhq.selenium which got appeared in our Search Results
  - Copy the dependency tags for 2.53.1 of Selenium Java in between the dependencies tags of pom.xml file and save the Project
  - Make the project ready for execution in different browsers by downloading and pasting the required drivers under 'drivers' folder of the project
- Creating Feature File
  - Create a package say 'cbPack'
  - Right click on the 'bcPack' and select 'New' > 'File'
  - Provide the file name as 'search.feature'
  - Clear all the stuff which got auto-generated in the feature file
  - Create a Feature File with various keywords like **Feature**, **Scenario**, **Given**, **When**, **And**, **Then** and **But** keywords - View File Details Here
- Create Step definitions class
  - Right click on the 'bcPack' and select 'New' > 'Class'
  - Provide step-definitions for all the steps that are provided in feature file - View Code here
- Create Runner class
  - Right click on the 'bcPack' and select 'New' > 'Class' < 'Runner'
  - Provide @RunWith(Cucumber.class) on the top of the class - View code here
  - Run as 'Runner' Class with JUnit and see the console and JUnit results tab
- Install Ansi-escape-console
  - Install this by dragging 'Install' option on https://marketplace.eclipse.org/content/ansi-escape-console into the Eclipse IDE market place and see the improvised output in console

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