**Selenium with java Cucumber**

**Hybrid Framework**

**Step 1: Setup & Configuration**

1. JDK
2. Eclipse
3. Cucumber plugin & Natural plugin in Eclipse through Market Place/Cucumber plugin for Eclipse
4. Set Environment variables
   1. Java Home
   2. Maven Home
   3. M2home

**Step 2: Create Maven Project and Update pom.xml with below dependencies**

1. Cucumber-core
2. Cucumber-html
3. Cobertura code coverage
4. Cucumber-java
5. Cucumber-junit
6. Cucumber-jvm-deps
7. Cucumber-reporting
8. Hamcrest-core
9. Gherkin
10. Junit
11. Selenium-java

**Step 3: Create Folder Structure**

**Project Name**

**|**

**Features (Folder)**

**|**

**pageObejcts (Package)**

**|**

**stepDefinitions (Package)**

**|**

**myRunner (Package)**

**|**

**utilities (Package)**

**|**

**Drivers (Folder)**

**|**

**Target (Folder)**

**|**

**pom.xml**

**Step 4: Copy Drivers into “Drivers” folder**

Download Drivers and copy them into “Drivers” folder.

**Step 5: Automating Login Test – First Case**

* 1. Create **Login.feature** under Features Files folder.
  2. Create a page Objects class **LoginPage.java** under pageObejcts Package.
  3. Create **stepLogin.java** under stepDefinitions Package and implement required methods.
  4. Create **TestRunner.java** under myRunner Package.

**Step 5: Automating Login Test – Second Case**

**Step 6: Automating Find text Test Case**

* 1. Create **MyServlet.feature** under Features Files folder.
  2. Create a page Objects class **MyServlet.java** under pageObejcts Package.
  3. Create **stepMyServlet.java** under stepDefinitions Package and implement required methods.
  4. Run **TestRunner.java** under myRunner Package.