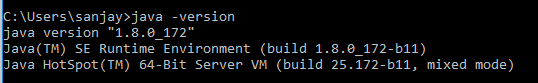
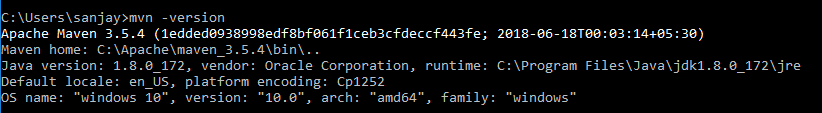
**Java, Selenium, Maven and Cucumber Setup steps in Eclipse:**

**Steps to follow:**

* **Java Environment Setup:**
* Install JDK and JRE in system.
* Set new System environment variable as JAVA\_HOME = C:\Program Files\Java\jdk1.8.0\_172
* Edit Path variable and append: %JAVA\_HOME%\bin
* Verify Java path: Open command prompt >> type >> java -version



* Download and install eclipse: <https://www.eclipse.org/downloads/>
* **Selenium Setup:**
* Selenium download required, only if the project is a simple java or TestNG Project.
* No need to download selenium standalone jar for Maven Project.
* Download Selenium standalone server jar file: <https://www.seleniumhq.org/download/>
* Download browser(Chrome,FF,IE etc..) drivers from above URL.
* **Maven Setup:**
* Download Maven zip file: <https://maven.apache.org/download.cgi> and unzip it.
* Set new System environment variable as MAVEN\_HOME = C:\Apache\maven\_3.5.4
* Edit Path variable and append: %MAVEN\_HOME%\bin
* Verify Maven path: Open command prompt >> type >>mvn --version



* Install Maven Plugin in Eclipse: Open Eclipse
* Go to >> Help >> Install New Software
* In Work with box enter: <http://download.eclipse.org/technology/m2e/releases>
* Select respective maven plugins and install
* Restart eclipse
* Navigate to Eclipse >> Window >> Preferences >> Maven >> User Setting
* Now update settings.xml file and m2 repository path if needed
* If required change proxy settings path in settings.xml file.
* By default, it will be in: C:\Apache\maven\_3.5.4\conf
* **Cucumber Setup:**
* Navigate to Help >> install new software >> Install Cucumber Plug-in in eclipse
* Enter link : <http://cucumber.github.com/cucumber-eclipse/update-site>
* Or you can follow link: <http://toolsqa.com/cucumber/install-cucumber-eclipse-plugin/>
* There is a additional plug-in also for cucumber: **Natural 0.7.6**
* Put Search keyword as cucumber in Eclipse Market place and Install it.
* Create Maven Project and Design Cucumber Project Skeleton
* Cucumber Supports Maven Basic or Quick Start Archetype project template
* Group ID is the Package Name and Artifact ID is the Project name.
* Add Cucumber Jar dependencies to POM.xml file
* To get Maven dependencies follow link : <https://mvnrepository.com/artifact/info.cukes/>
* Copy Cucumber-java.jar , cucumber-junit.java dependencies to POM.xml
* Cucumber Terminologies : Feature Files , Step Definitions, Junit Test Runner