MAVEN

Revision History			
Version	**Date**	**Auteur**	**Description**
001	30/11/16	Gregory Amirthanathan	First version Convert a project to Maven Project
002	02/12/16	Gregory Amirthanathan	Second version Maven Installation Create a Maven Project using Eclipse IDE
003			

1. **Maven Installation**

Navigate to Maven official site and download stable version of Maven.

Maven Download- https://maven.apache.org/download.cgi

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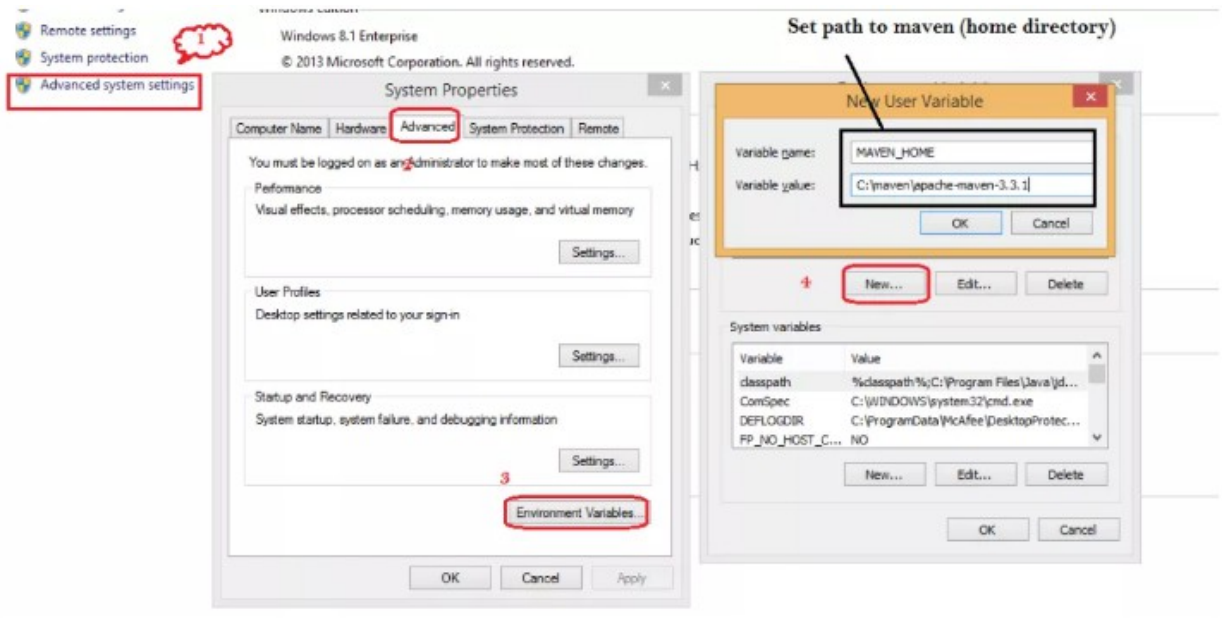Unzip the download file and Check unzip folder – in our case folder name- apache-maven-3.3.1
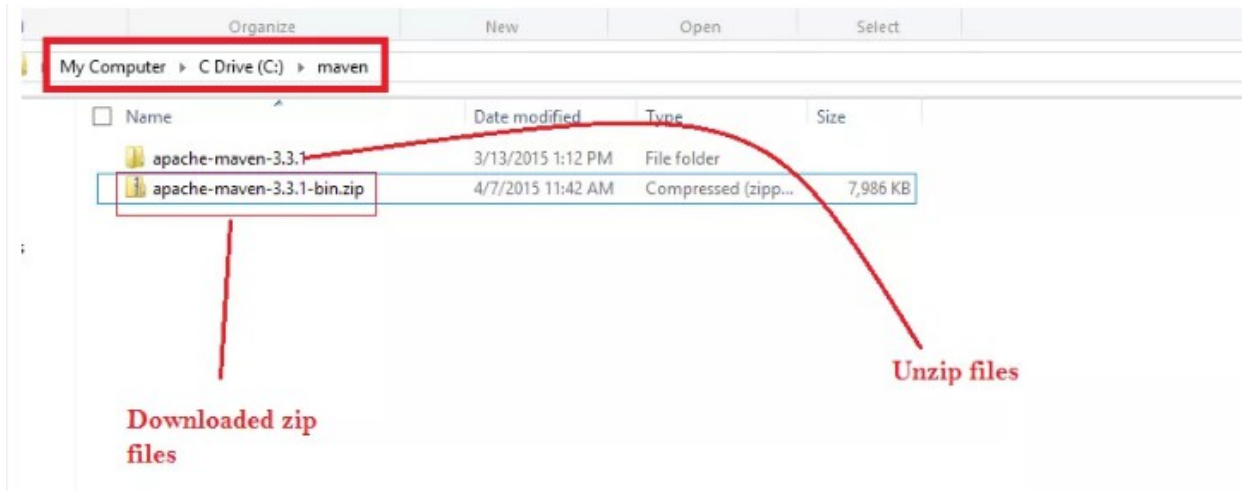
This is maven home directory and now we have to set path for the same
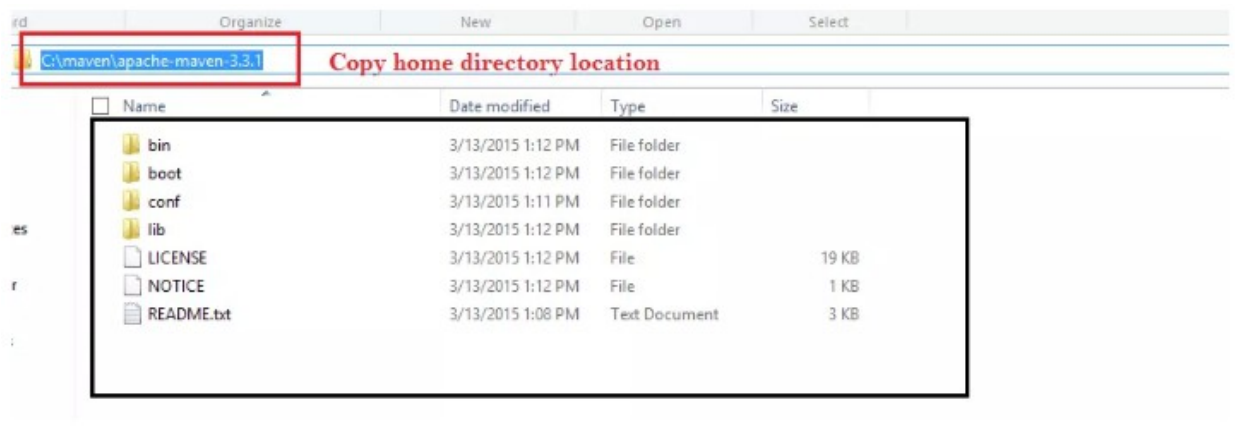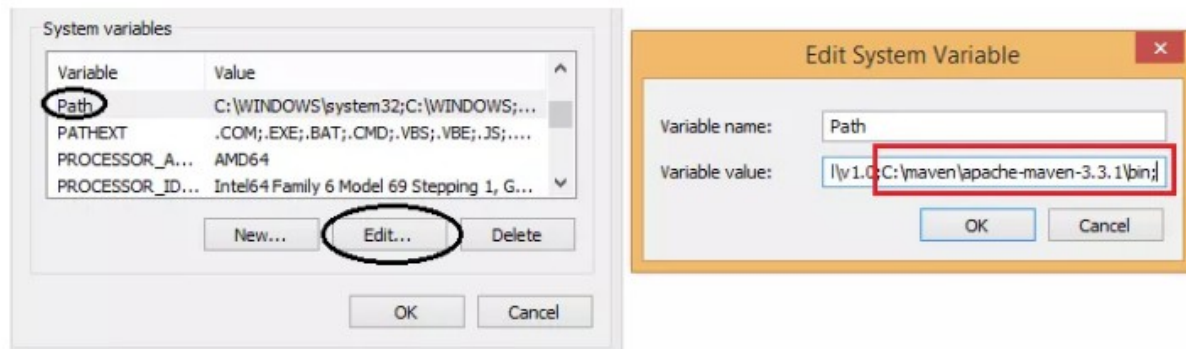

To set path variable- Right Click on my computer and Select property.

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Set path to maven (home directory)

Now we need to set path variable also for System variable.

Note- Please do not touch other variable, Go to last point use ; and then enter path till bin folder.
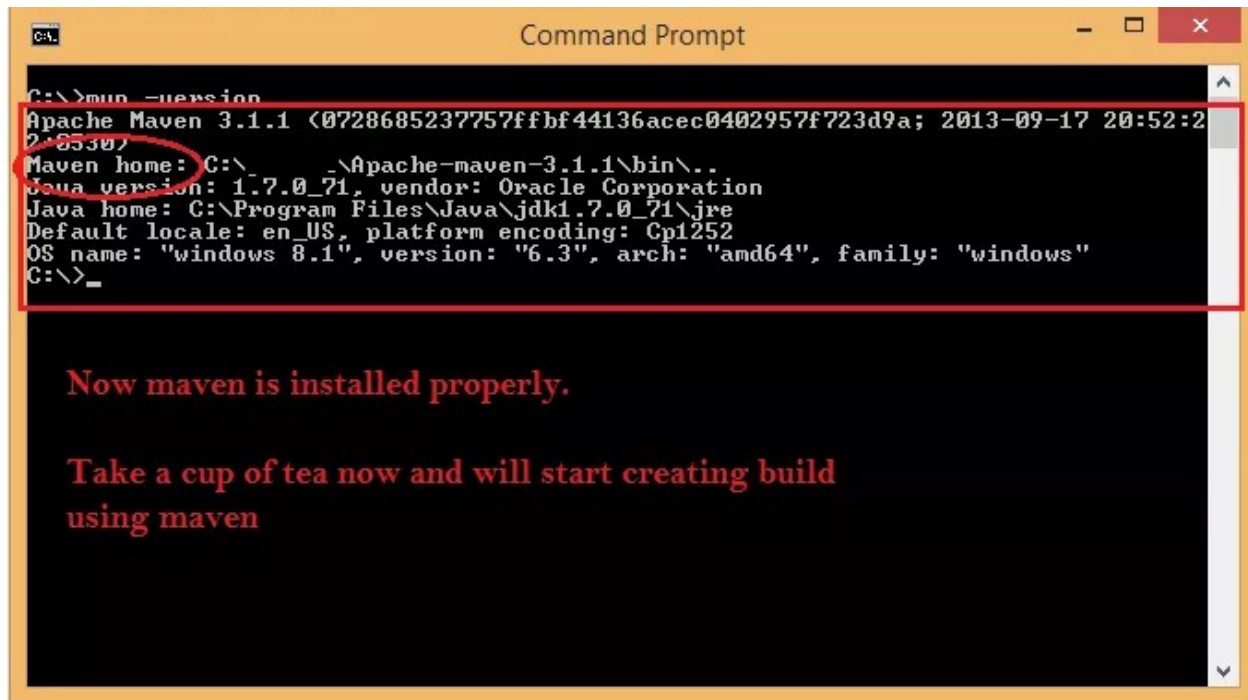

Click on save and apply. You can verify now that Maven is installed or not.
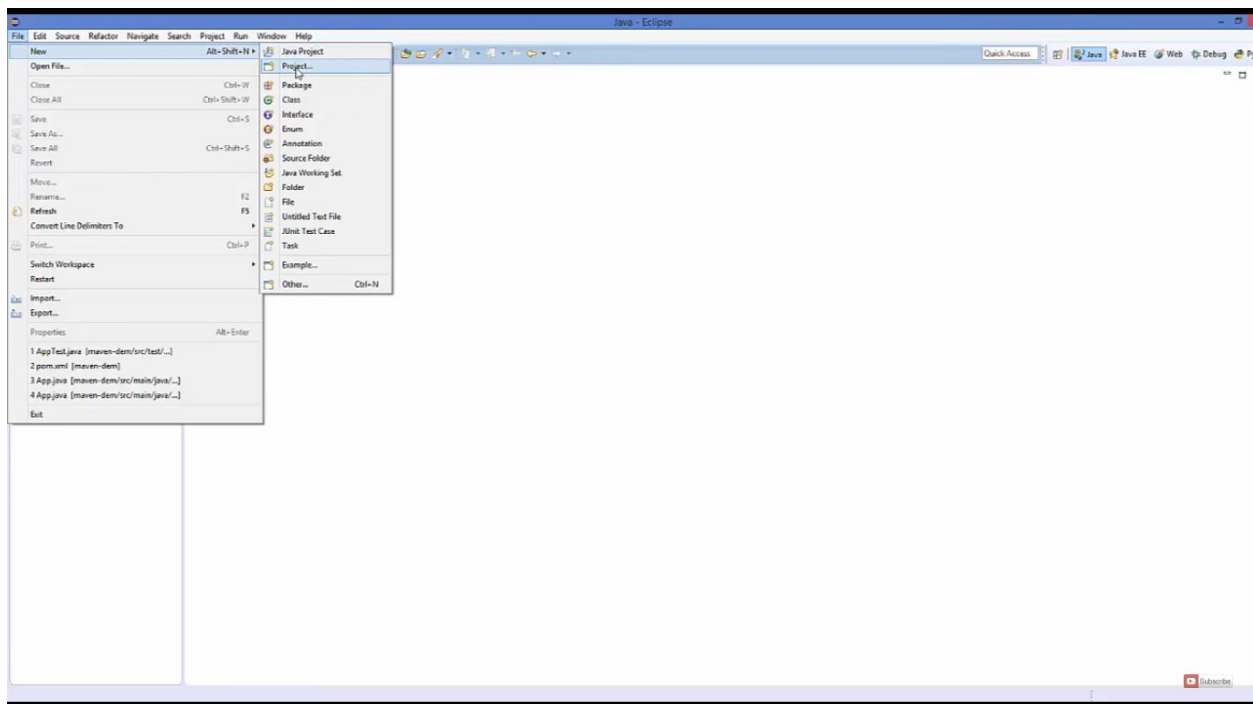
Open command prompt and type mvn - version

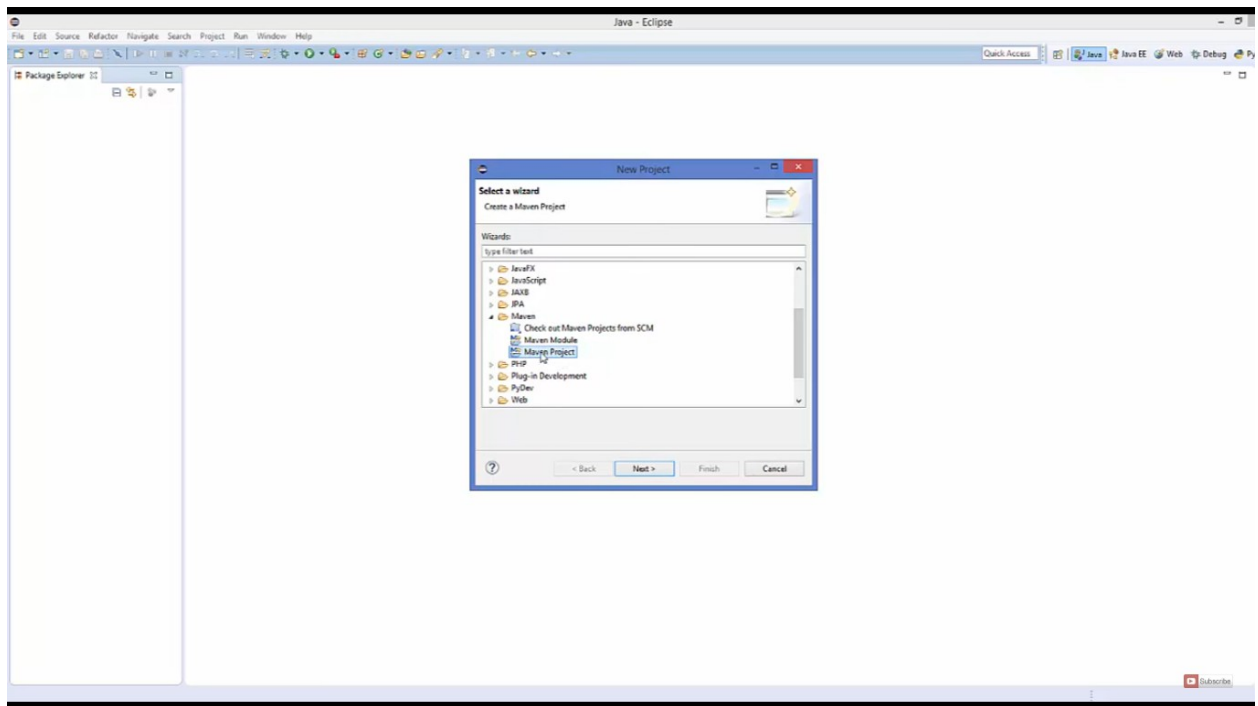If Maven is installed properly then you will get Maven version and Java version on Console.

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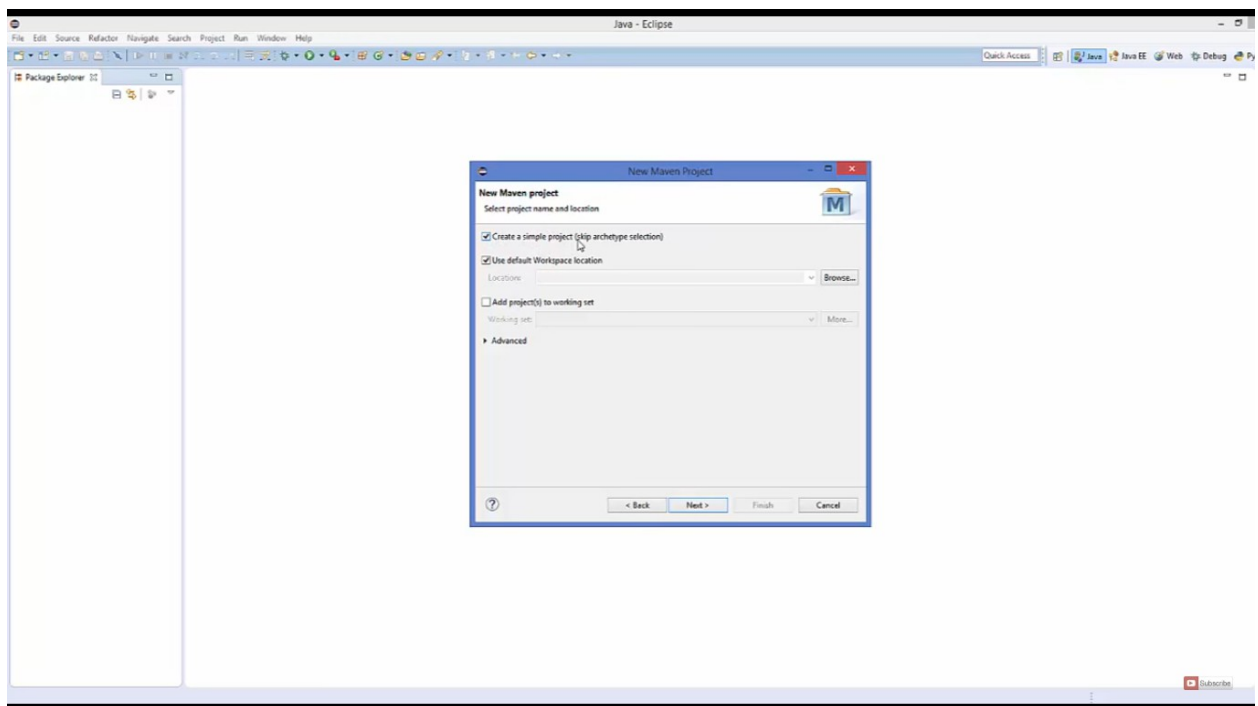2. **Create a Maven Project using Eclipse IDE**

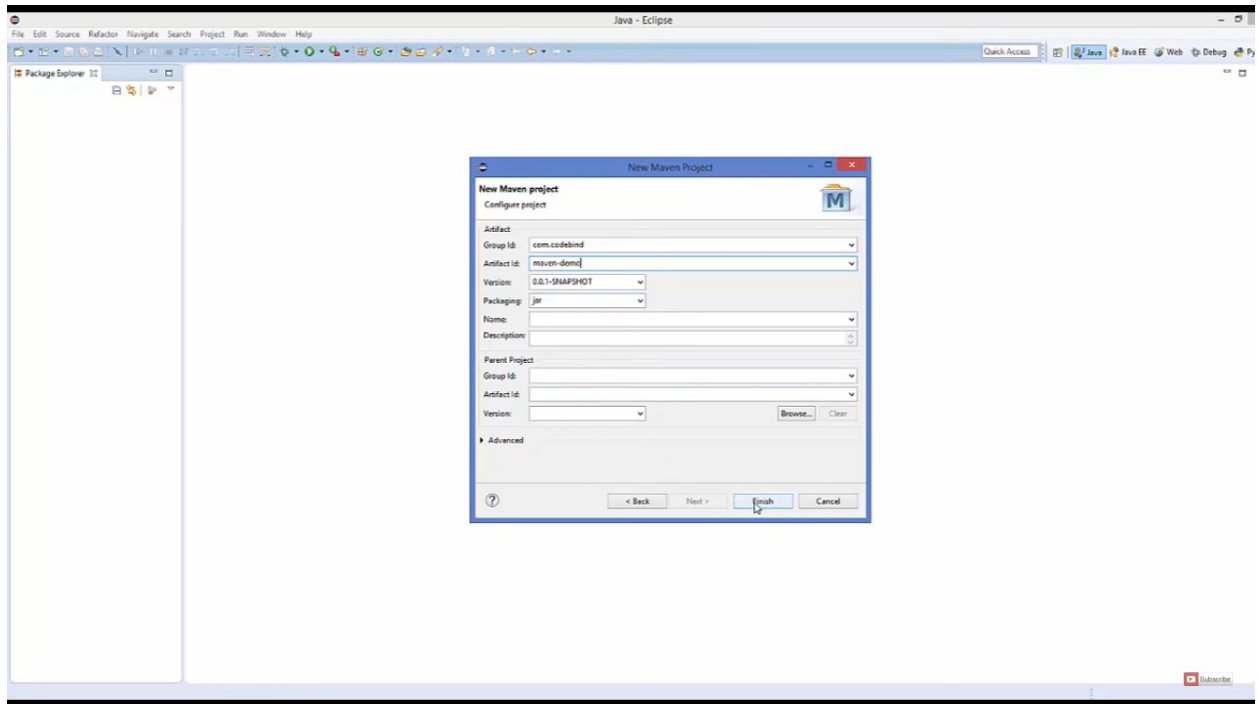   Go to File →New →Project

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Select Maven Project
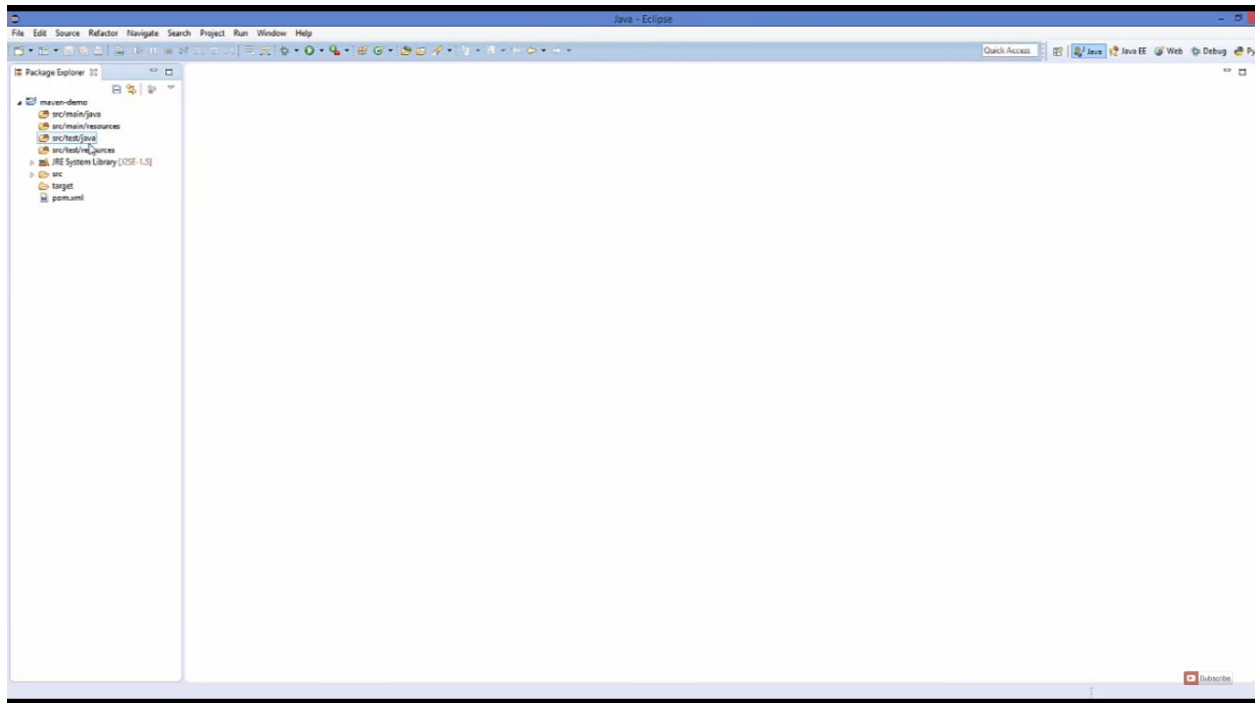

Tick the Create a simple …. checkbox

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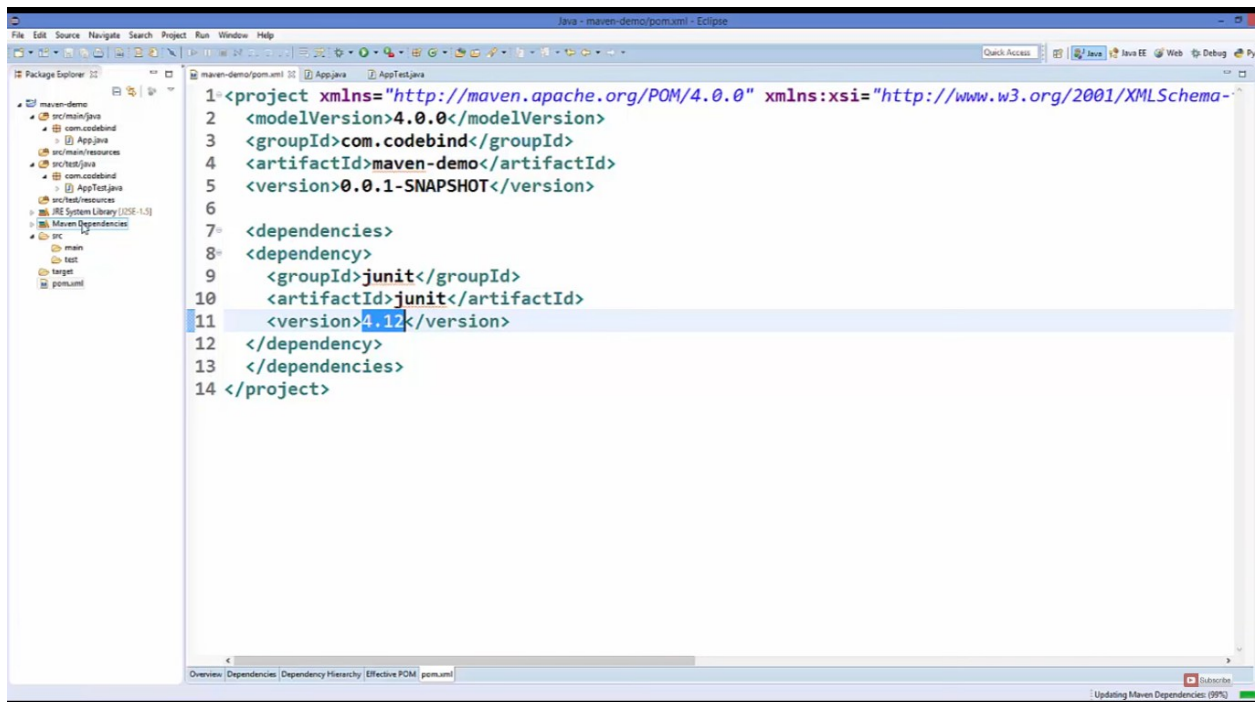Enter Group Id , Artifact Id and click Finish

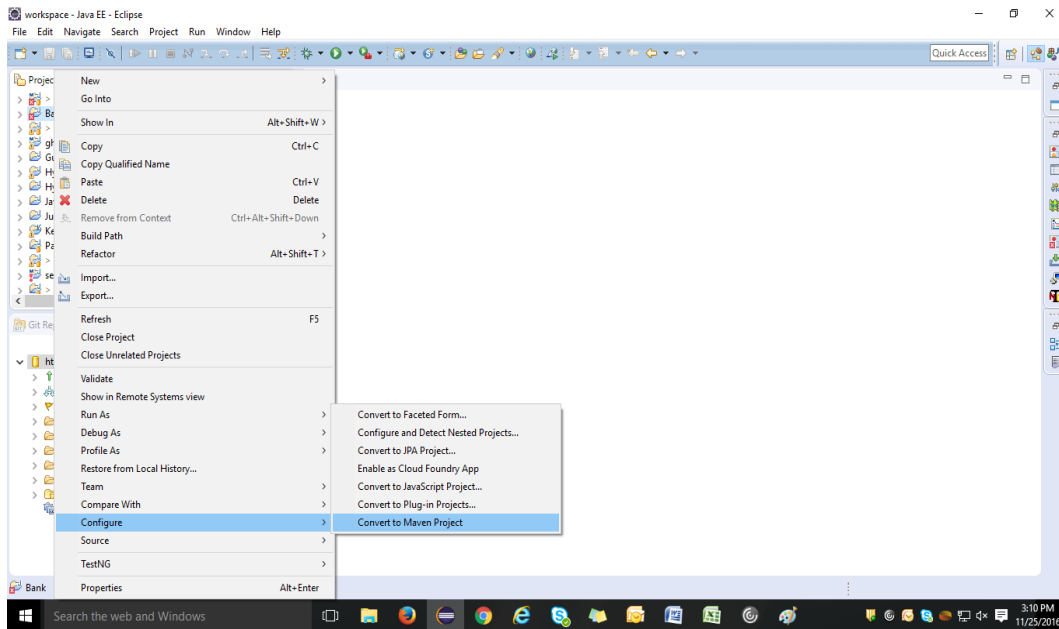You can see Maven project created

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Adding dependency to pom.xml

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3. **Convert any project to Maven project**

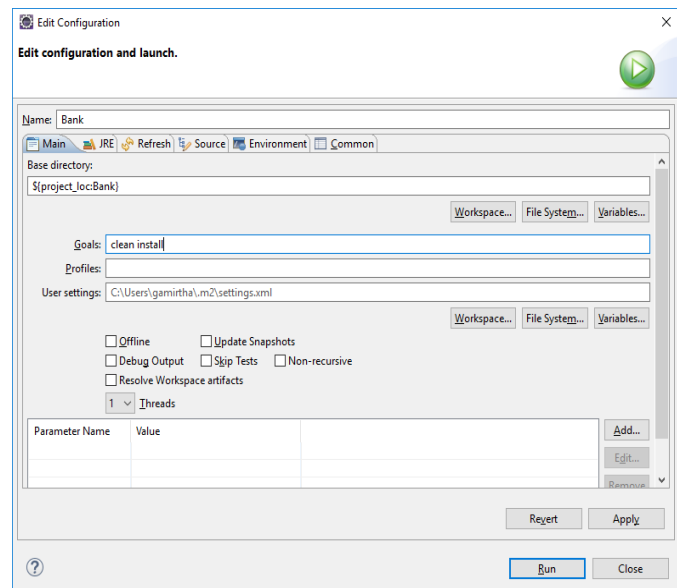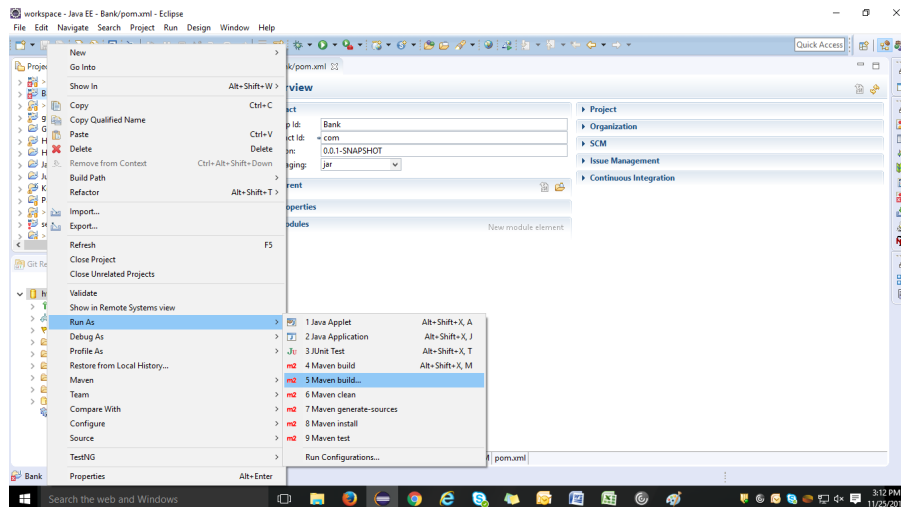Right click on project → Configure → Convert to Maven Project

Fill Group Id and Artifact Id

Right click on project → Run As → Maven build (2nd option)

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Write 'clean install' in Goals field.

Build Success message should be displayed and note 'M' sign will appear on the project icon

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If Build fails, follow below steps...

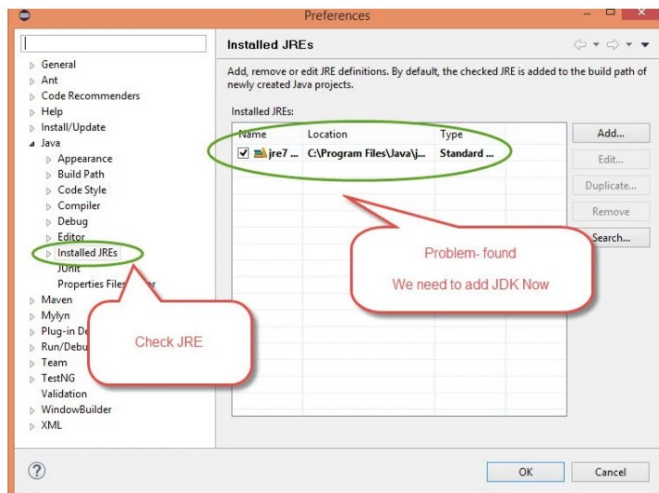## Solution for No compiler is provided in this environment in Maven

Click on Windows > Click on preferences
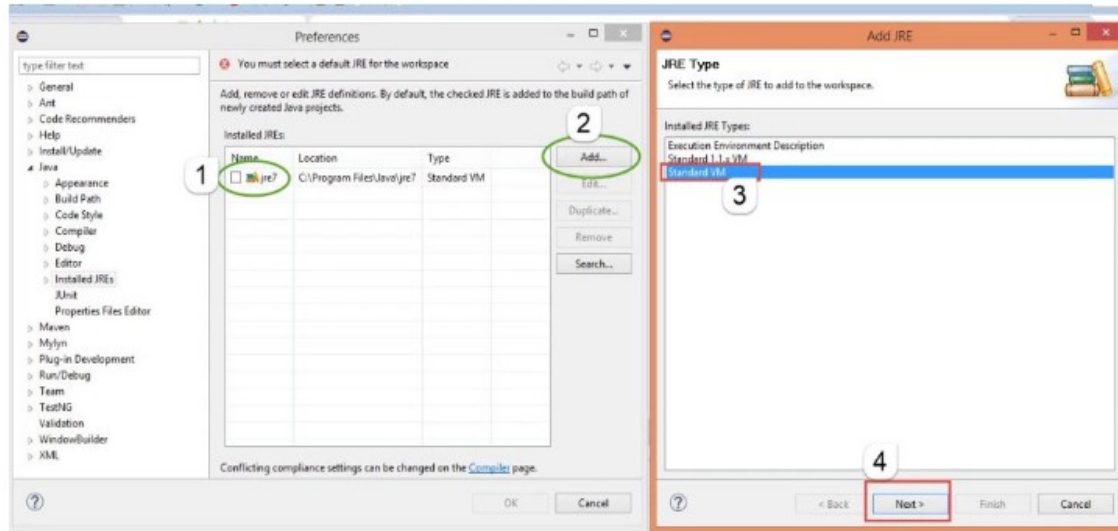
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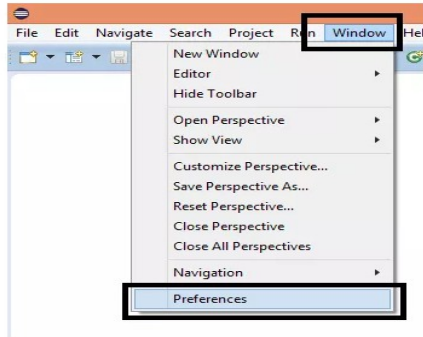
Click on Java > Installed JRE's

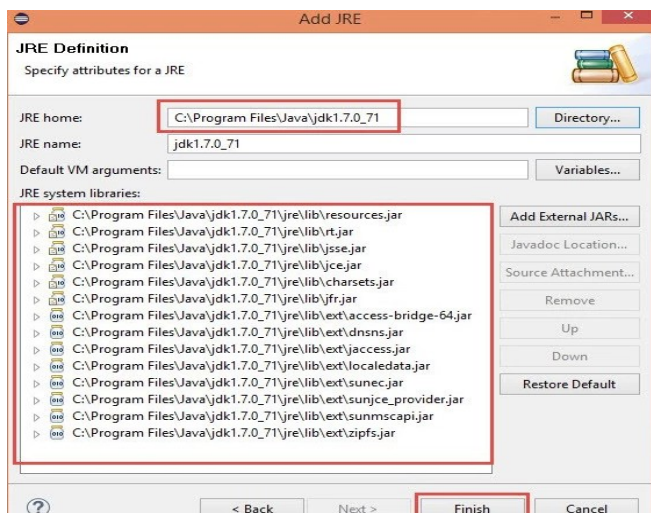Here you will get JRE now we need to change it to JDK.

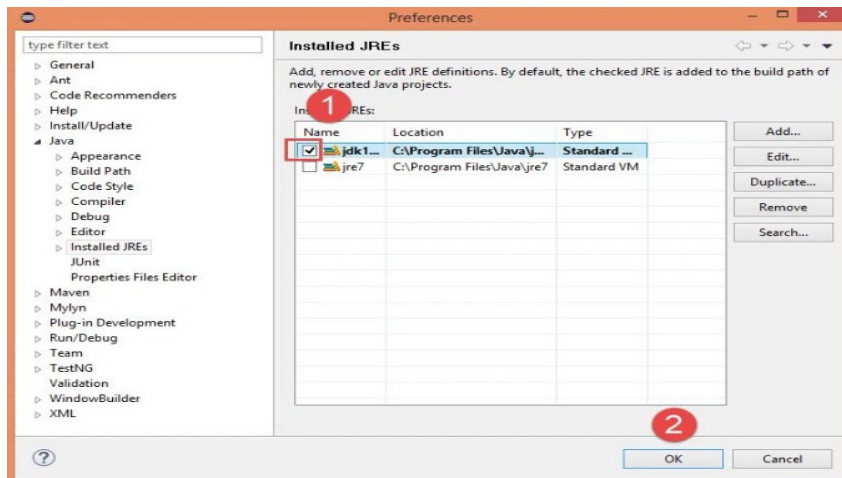Now we need to add JDK > Click on Add > Select Standard VM

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Browser JDK where it is located. Generally, you will get JAVA in below location.

Now once JDK set you are done.

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Now you can run pom.xml file from Eclipse or through CMD and Run pom.xml file > Maven clean then Maven Install and Finally Maven build.

OR

Restart eclipse and perform step 3 & 4