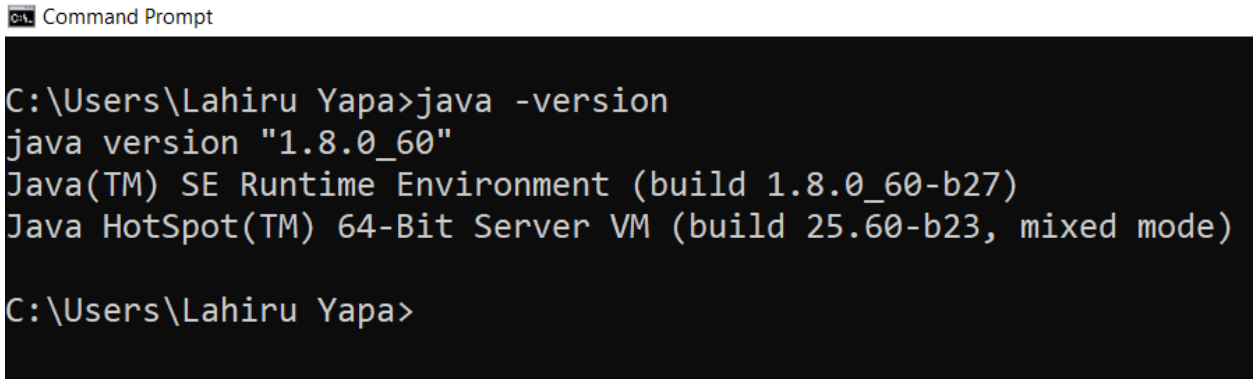
Enterprise Application Development – 2

Software / Tool Setup Guide

The following software and tools MUST install and configure by each student before the module commence. The instructor will help and guide if needed.

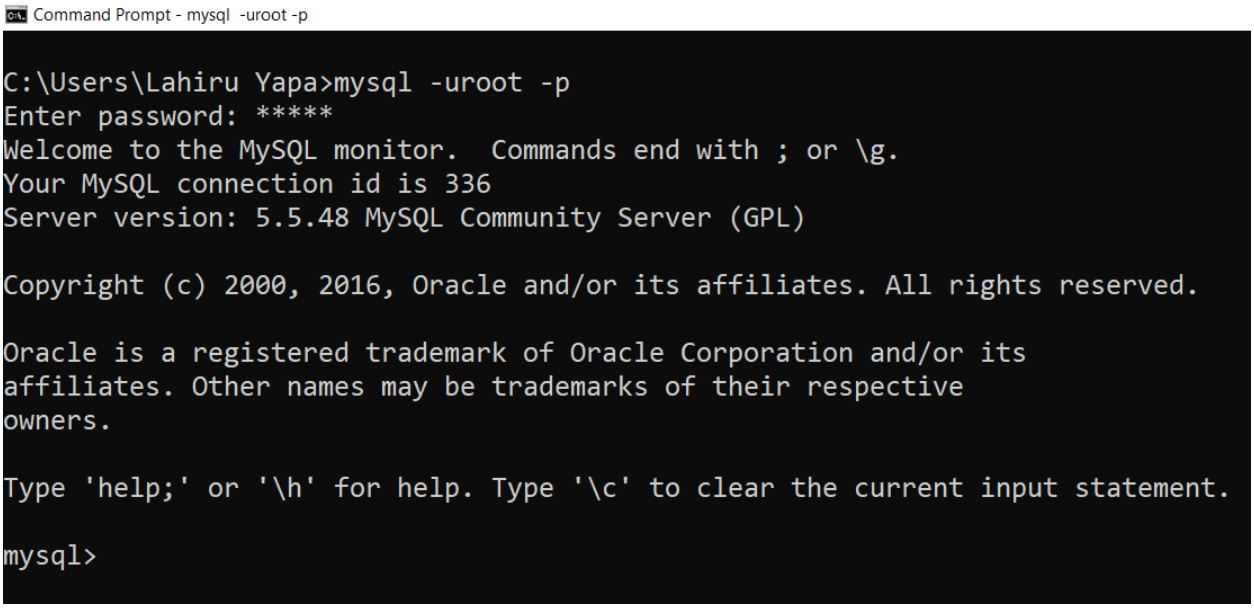
1. Install **JAVA 1.8** or above version.
   Once you complete the installation, set the Java class-path
   You can set this in windows via,
   My Computer → Properties → Advanced System Settings → Environment Variables → System Variables
   Here you can edit "path" variable and add a new path variable to java as follow,
   C:\Program Files\Java\jdk1.8.0_60\bin

   Execute the following command and verified the java installation.



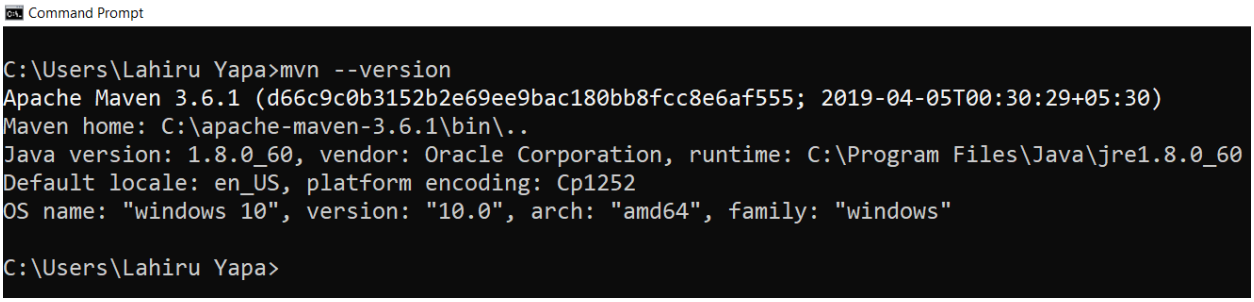
2. Install **MySQL 5.5.x**
   If you set a password make sure to remember it. Once you complete the installation set MySQL bin path as the environment variable.
   You can set this in windows via,
   My Computer → Properties → Advanced System Settings → Environment Variables → System Variables
   Here you can edit "path" variable and add a new path variable to java as follow,
   C:\Program Files\MySQL\MySQL Server 5.5\bin

Logging to the MySQL using following command and verified the MySQL installation.

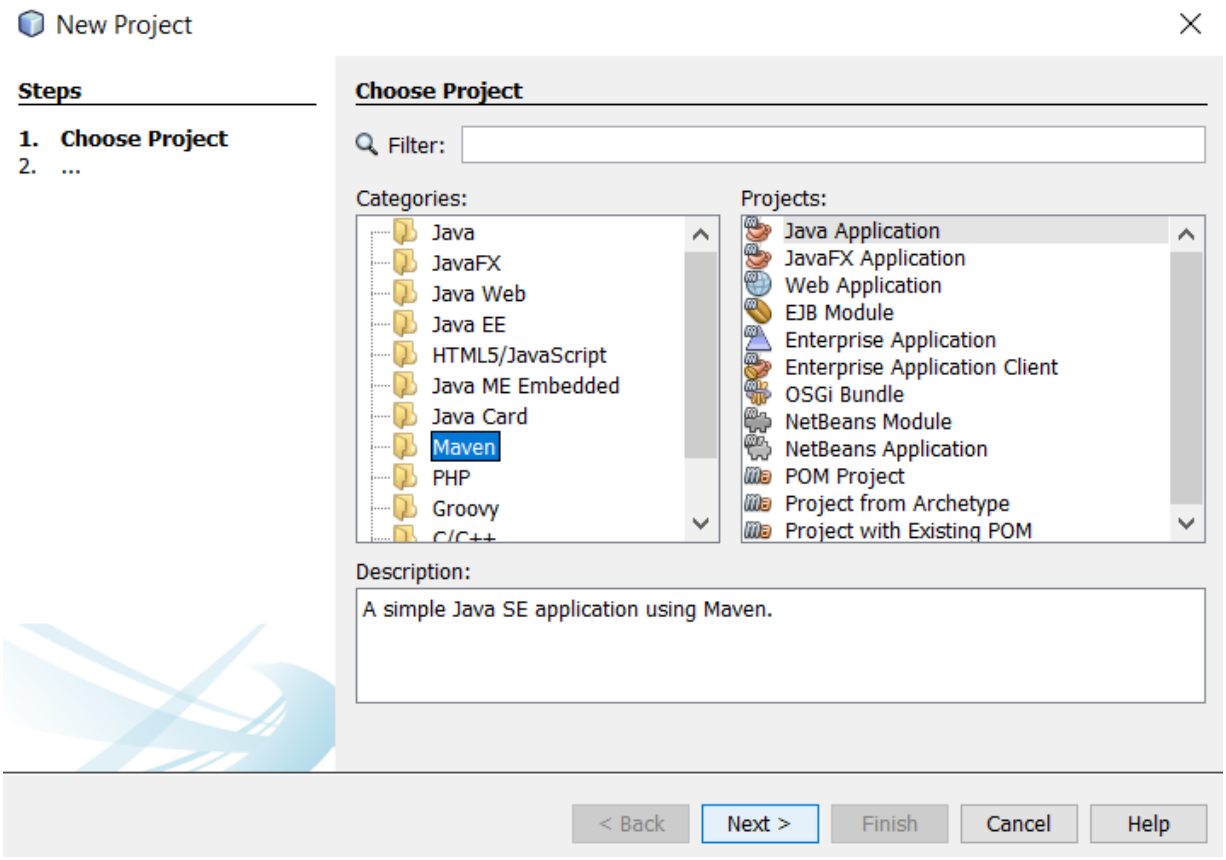


3. Install any familiar **GUI Tool for MySQL** database.
   (E.g.: - SQLyog, phpMyAdmin, MySQL Workbench)

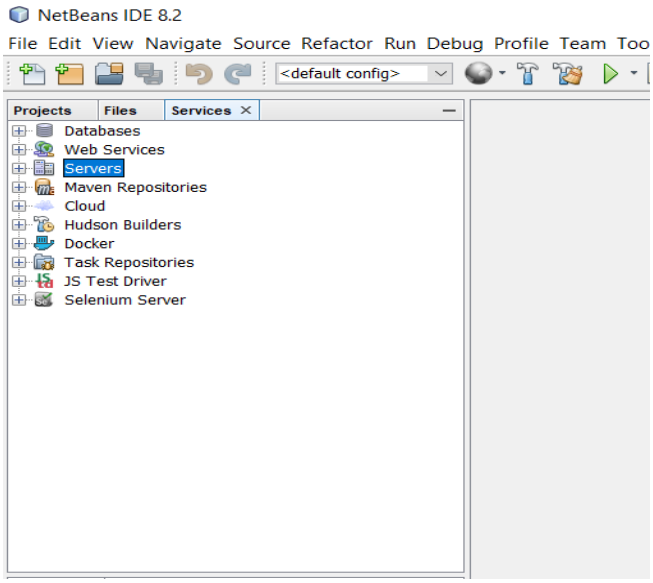
4. Install **Apache Maven 3.6.x**(Set Maven bin path as the environment variable as similar way you followed for java and MySQL).
   Execute the following command and verified the maven installation.



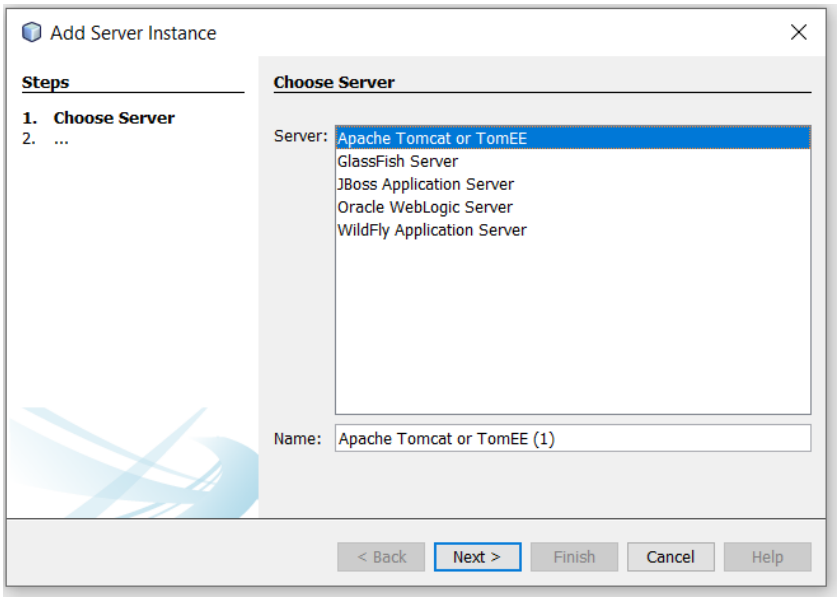
5. Install **NetBeans** 8 + version.
   (Install necessary plugin and enable the Java EE features)
   If your installation successful, following screenshot show new project window in Java EE enabled NetBeans.



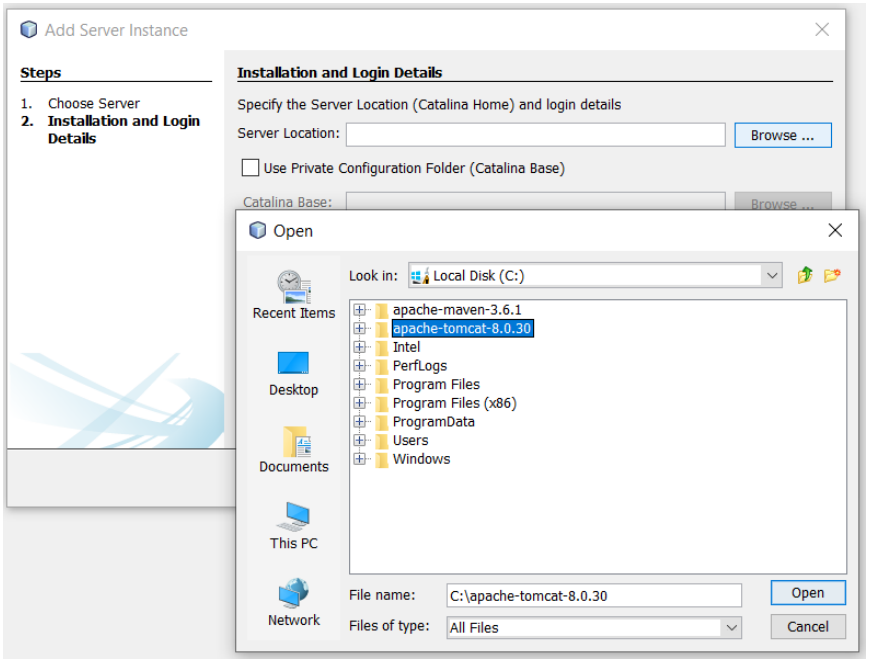
6. Install **Apache Tomcat** and setup with NetBeans.
   First download the Apache Tomcat 8.0.* server and install your computer(for installation just need to extract the download zip file).
   Then go to services tab in NetBeans and right click on the server,



The click on the Add Server and select Apache Tomcat and click next,



Then brows the Apache Tomcat location,



Once you install the server properly, you can see the tomcat server under servers in NetBeans.

7. Install **Postman** tool.
   (Please familiar with this tool by referring some tutorials)