Install Maven on Windows 7

Maven is build tool primary for Java projects. To use maven we need to install Java first. If maven is used for Java projects java jdk should be installed.
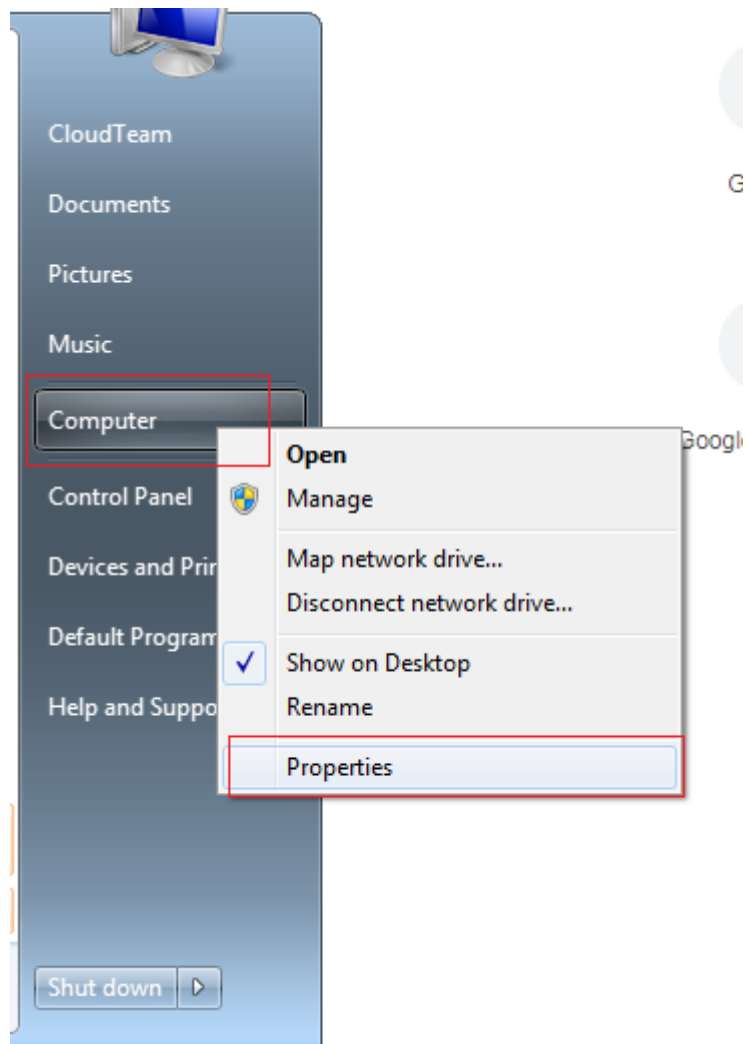
Download the latest JDK from below link.

https://www.oracle.com/technetwork/java/javase/downloads/jdk10-downloads-4416644.html

After Java is installed we need to download Apache Maven from official web site https://maven.apache.org/download.cgi.
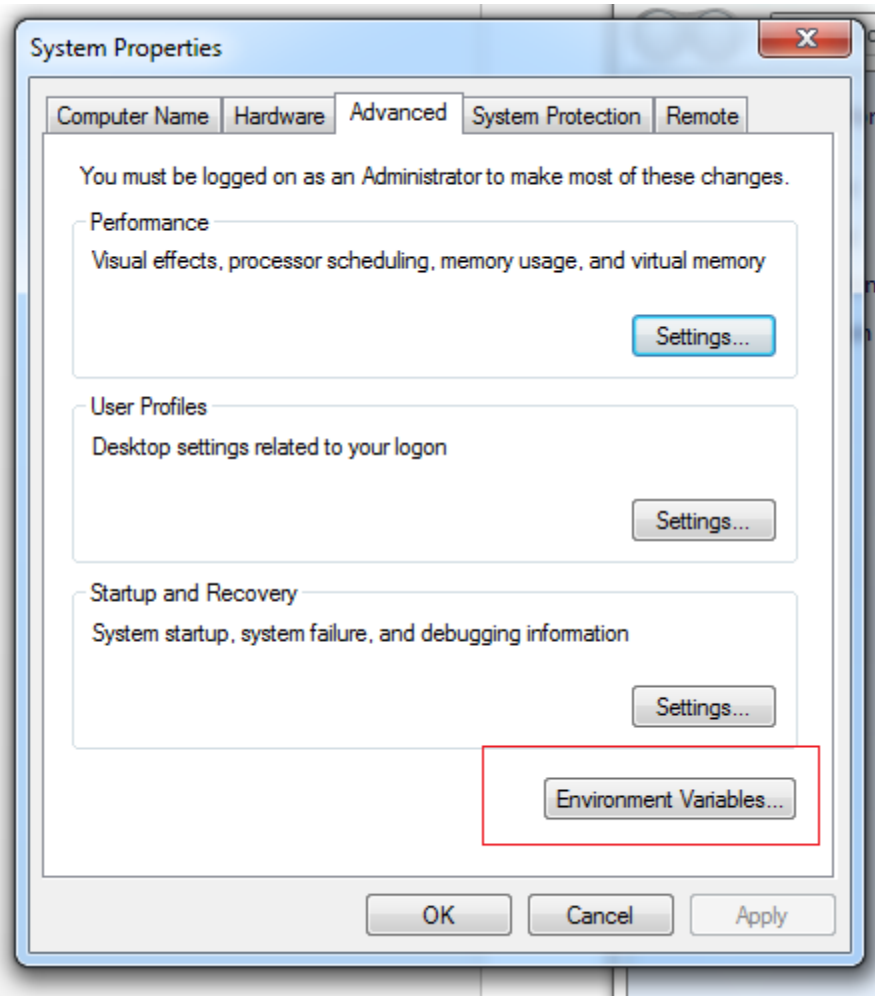
Currently the latest Maven version is 3.5.4. So we need to download apache-maven-3.5.4-bin.zip. After archive is downloaded we need to extract it, e.g. to c:\maven

Add System variables

1. Right click on the Start button and Right Click On Computer, Select Properties:

2. In the System window click on advanced system settings in the left menu.
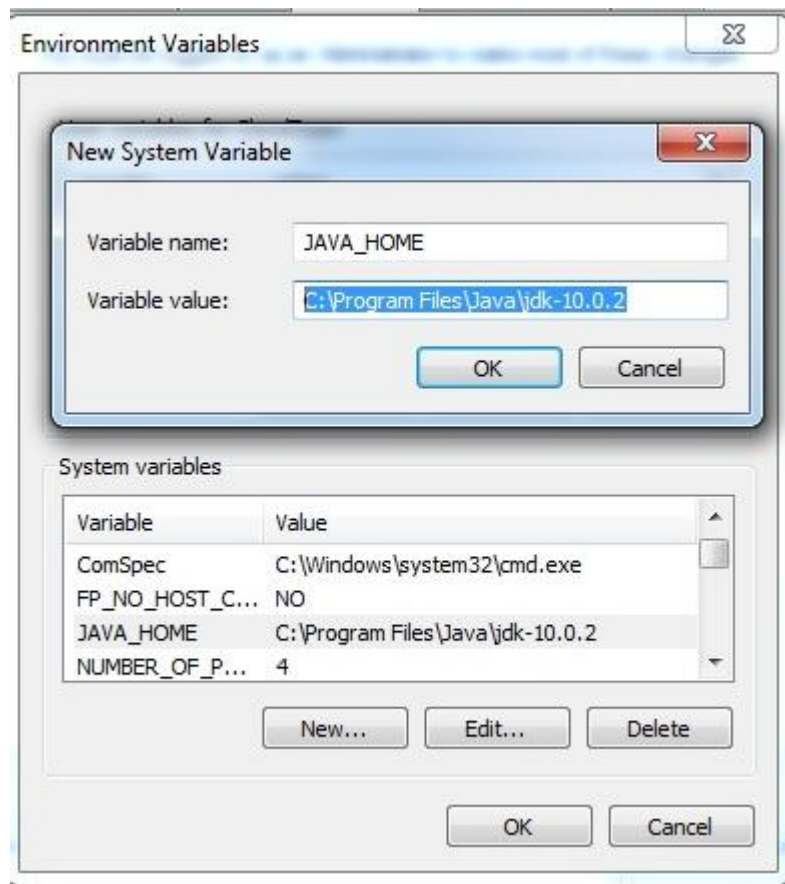   System properties pop-up will be opened.
3. Click on Environment Variables:

Now we need to add the following variables to the ==System variables==:

```
JAVA_HOME
MAVEN_HOME
M2
```

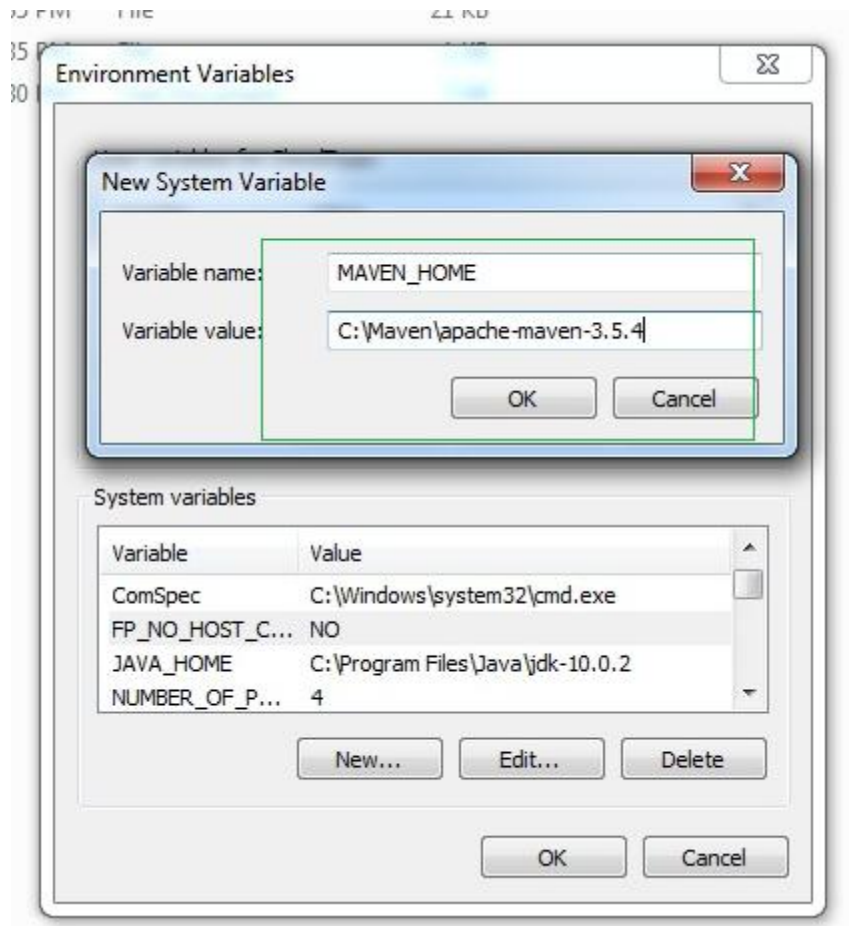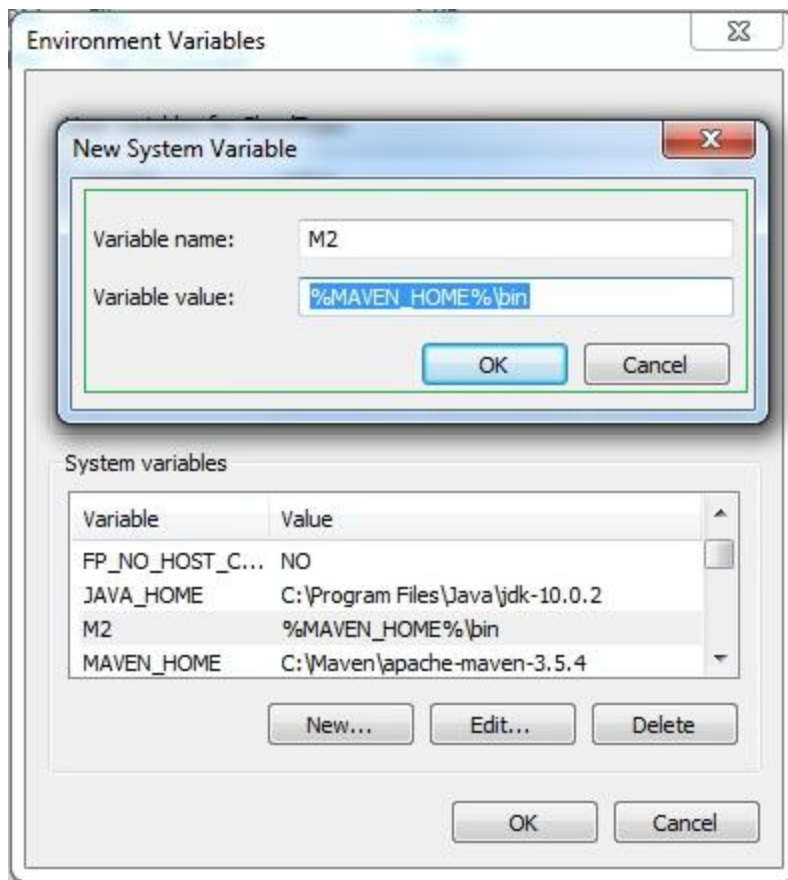### 4. Add JAVA_HOME variable

JAVA_HOME points to the folder where java is installed and should have the value like this:
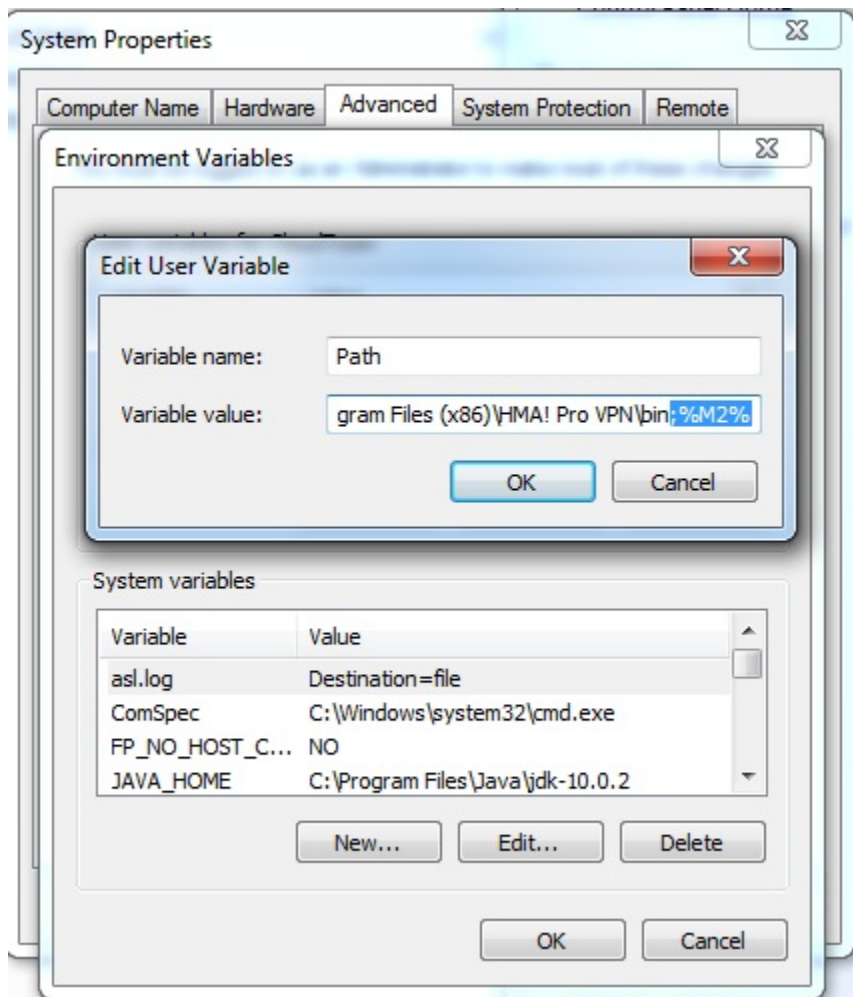
5. Add M2 and MAVEN_HOME variables

   M2 and MAVEN_HOME variables should have the same value and point to the folder where maven was extracted.

Environment Variables

New System Variable

Variable name: MAVEN_HOME

Variable value: C:\Maven\apache-maven-3.5.4

OK   Cancel

System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
FP_NO_HOST_C...	NO
JAVA_HOME	C:\Program Files\Java\jdk-10.0.2
NUMBER_OF_P...	4

New...   Edit...   Delete

OK   Cancel

6. Add Maven to PATH variable

Find the PATH variable in User variables and click on Edit button. Add ;%M2%
And Click Ok:

7. Verify installation

Open terminal (command prompt) and enter the following:

mvn –v

The output should look like:

```
$ mvn -v
Apache Maven 3.5.4 (1edded0938998edf8bf061f1ceb3cfdeccf443fe; 2018-06-18T00:03:1
4+05:30)
Maven home: C:\Maven\apache-maven-3.5.4
Java version: 10.0.2, vendor: Oracle Corporation, runtime: C:\Program Files\Java
\jdk-10.0.2
Default locale: en_US, platform encoding: Cp1252
```