Instructions for setting up Java environment

There are two ways to write your java programs and run them: command and Integrated development Environment (IDE). You can use either way to finish your project.

(1) Use command

In order to use command in your terminal or command window, please download Java Development Kit (JDK) from website, which includes JRE (Java Runtime Environment).

- If you are using **MAC OS**, the JDK is already in your operating system and you do not need to install it.
- If you are using **Windows OS**, please download the “instructions for install JDK in Windows OS.pdf” on the class website.

To write a java program, you need to create a file with extension .java and use **javac** command to generate a .class file, after that please use **java** command to run your program.

The instructions for running the program are in the file “install JDK in Windows OS.pdf” from step3 to step4. In a MAC OS, TextEditor ,instead of Notepad could be used to write your java program and the terminal is your command window.

(2) Use IDE

Please download the **Eclipse IDE for Java EE Developer** from http://www.eclipse.org/downloads/  (You need to choose the right version according to your OS)