Hello World...

Program

```java
/**
Our First program
 */

public class HelloWorldEx {
    public static void main(String args[]) {

        System.out.println("First program : hello world");
    }
}
```

PATH

- **PATH** is an environment variable which is used to locate JDK binaries like "java" or "javac" command used to run java program and compile java source file

- Command to set PATH in Windows
  set PATH=%PATH%;C:\Program Files\Java\JDK1.6.20\bin

  Command to set PATH in UNIX/Linux
  export PATH = ${PATH}:/opt/Java/JDK1.6.18/bin

CLASSPATH

- **CLASSPATH**, an environment variable is used by System or Application ClassLoader to locate and load compile Java bytecodes stored in the .class file

- The CLASSPATH environment variable could include directories (containing many class files) and JAR files (a single-file archive of class files).

- If CLASSPATH is not set, it is defaulted to the current directory. If you set the CLASSPATH, it is important to include the current working directory (.). Otherwise, the current directory will not be searched.

CLASSPATH: Rules

- User classes search path (in short, class path) determined in the following order:
  - Defaulted to the current working directory (.)
  - Entries in the CLASSPATH environment variable, which overrides the default
    - Command to set CLASSPATH in windows
      set CLASSPATH=%CLASSPATH%;C:\Program Files\Java\JDK1.6.20\lib

      Command to set CLASSPATH in Unix/Linux
      export CLASSPATH= ${CLASSPATH}:/opt/Java/JDK1.6.18/lib

  - Entries in the -cp (or -classpath) command-line option, which overrides the CLASSPATH environment variable
    - java -cp <class files directory or jar file location> <Main class file name>

Path & classpath