Installing the Java Development Kit

1. On your computer, open a terminal window.
2. Type `java -version`

The output includes a line:

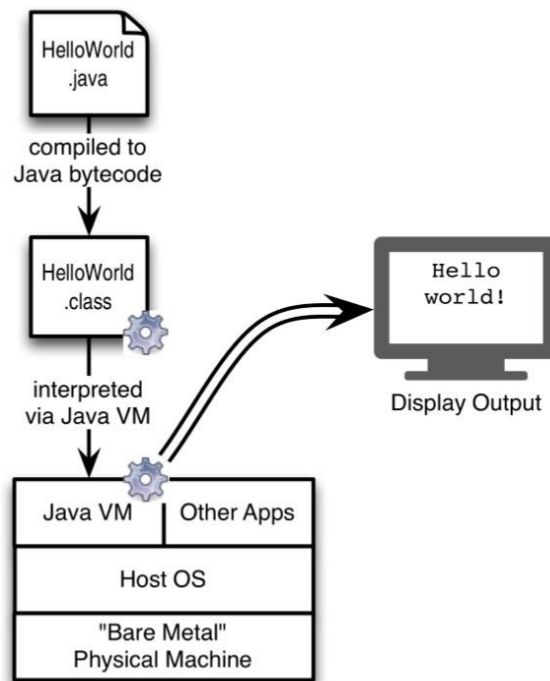`Java(™) SE Runtime Environment (build1.X.0_05-b13)`

X is the version number to look at.

- If this is 7 or greater, you can move on to installing Android Studio.
- Otherwise, you need to install the latest version of the Java SE development kit.

To download the Java SE Development Kit:

1. Go to the [Java SE Development Kit 8 Downloads page](#).
2. In the box for the latest Java SE Development kit, accept the License Agreement and then download the version appropriate for your computer. Do not go to the demos and samples (the menus look very similar, so make sure to read the heading at the top).
3. Install the development kit.
4. Type Type `java -version` again to verify that installation has been successful.
5. Set the JAVA_HOME environment variable to the installation directory of the JDK

The Java Architecture

Excercises

1. Given two non-negative int values, return true if they have the same last digit, such as with 27 and 57. Note that the % "mod" operator computes remainders, so 17 % 10 is 7.
   Sample:
       sameLast(25, 35) ---> "true"
       sameLast(21, 39) ---> "false"

2. Given 2 int values, return true if either of them is in the range 10..20 inclusive.
   Sample:
       inRange(20, 19) ---> "true"
       inRange(30, 100) ---> "false"