

Getting started with
JAVA

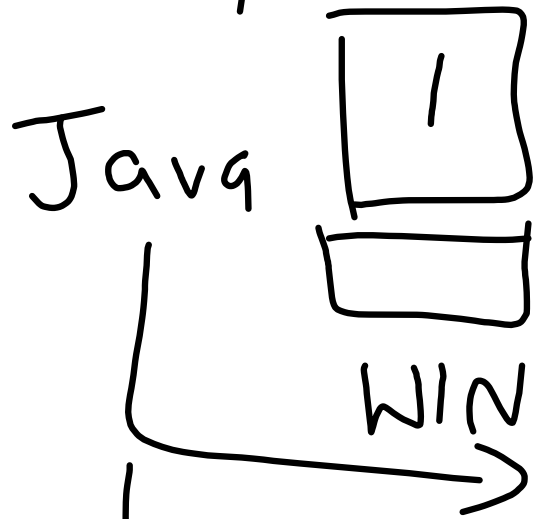
CLASS

SUN MICRO
systems

WINDOWS ← [exe]
platform -
independant

~~XOS~~

→ portable



LINUX

OBJECT
CODE

101110011

Binary

2 types of JAVA products

→ Applications

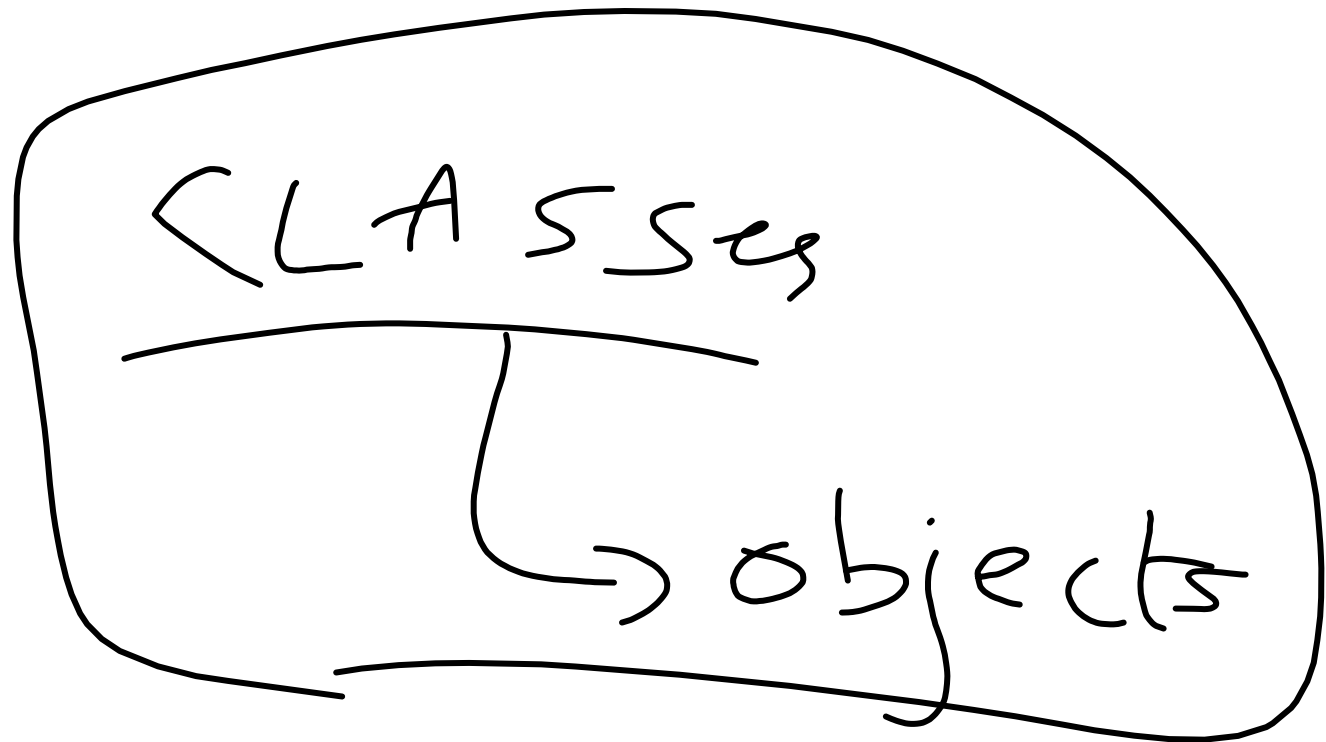
→ Applets.

Applications

Applications are programs that runs on your computer, under the operating system (OS) of that particular computer. This is no different from any other application that computer might have like Microsoft applications - MS Office, MS Access or Internet Explorer.

Applets

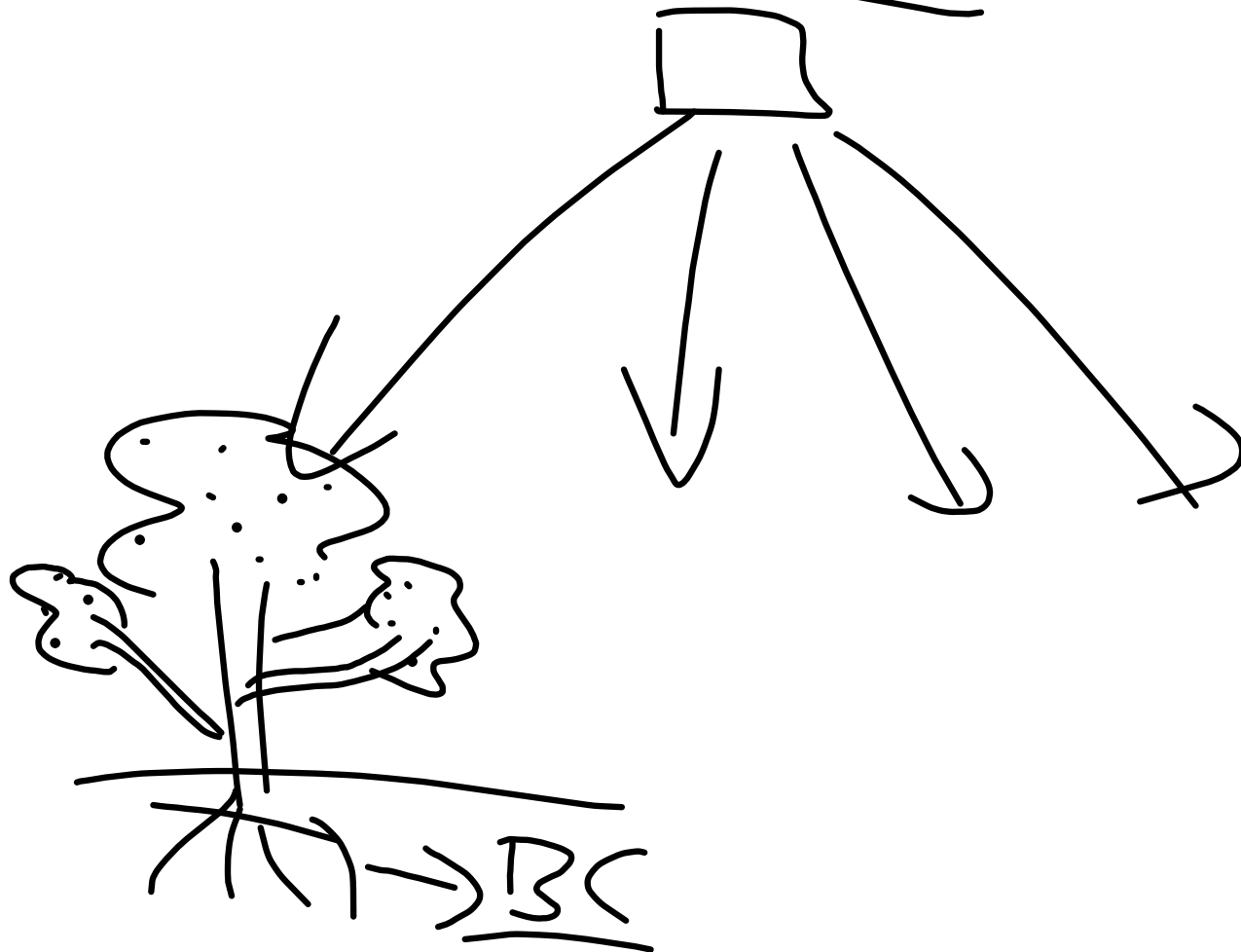
An applet is an application designed to be transmitted over the Internet and executed by a Java-compatible Web Browser. An applet is a tiny program dynamically downloaded across the network just like an image, sound file or video clip. The important difference is that an applet is an intelligent program not just an animation or media file. This means it reacts to user input and decides on actions during execution.



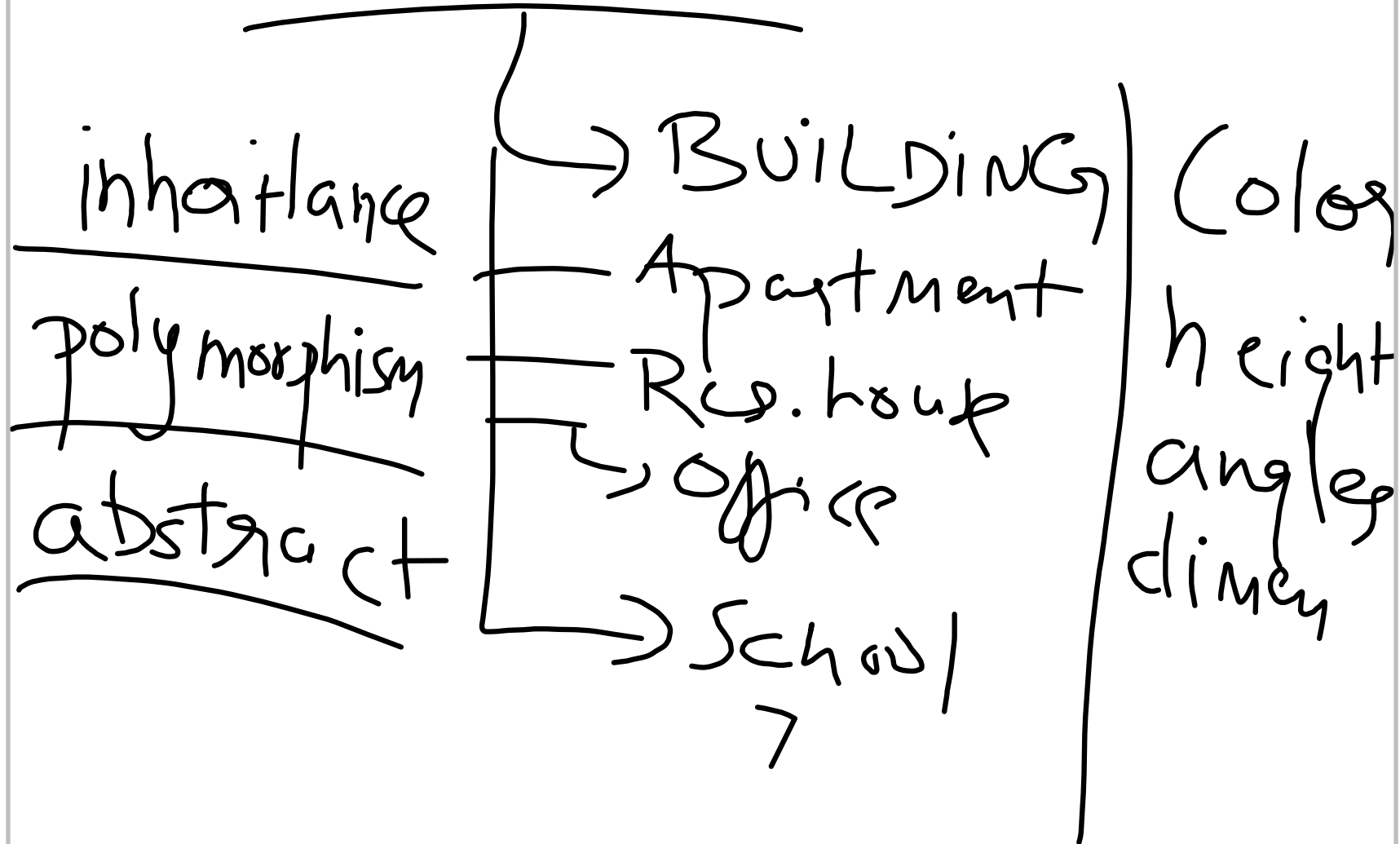
CHAIR
TABLE
COUCH
.

FURNITURE

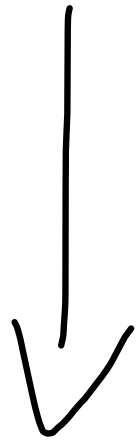
Base Class (Root)



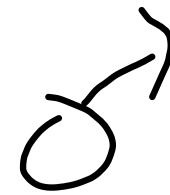
Base Class



human



male

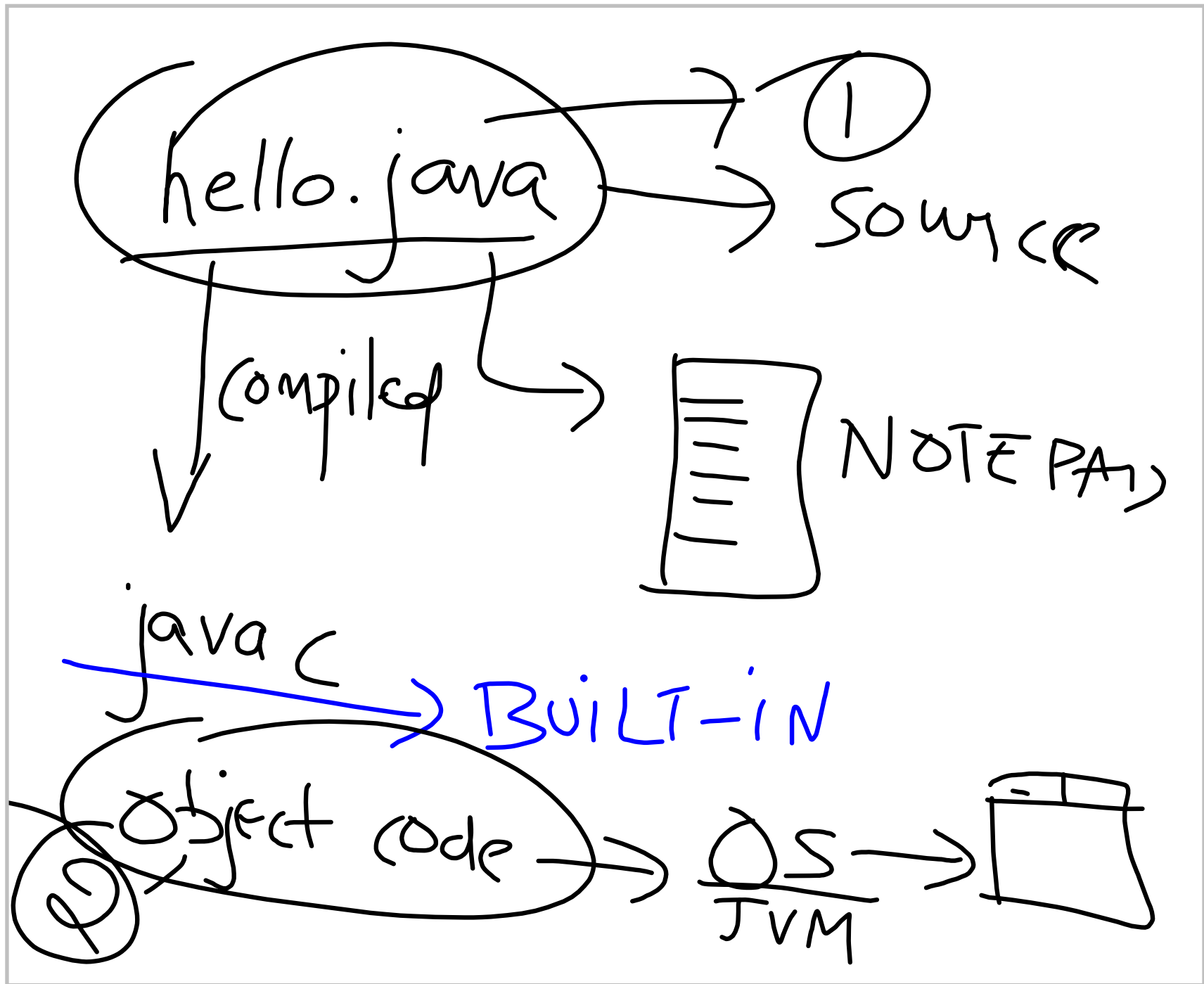


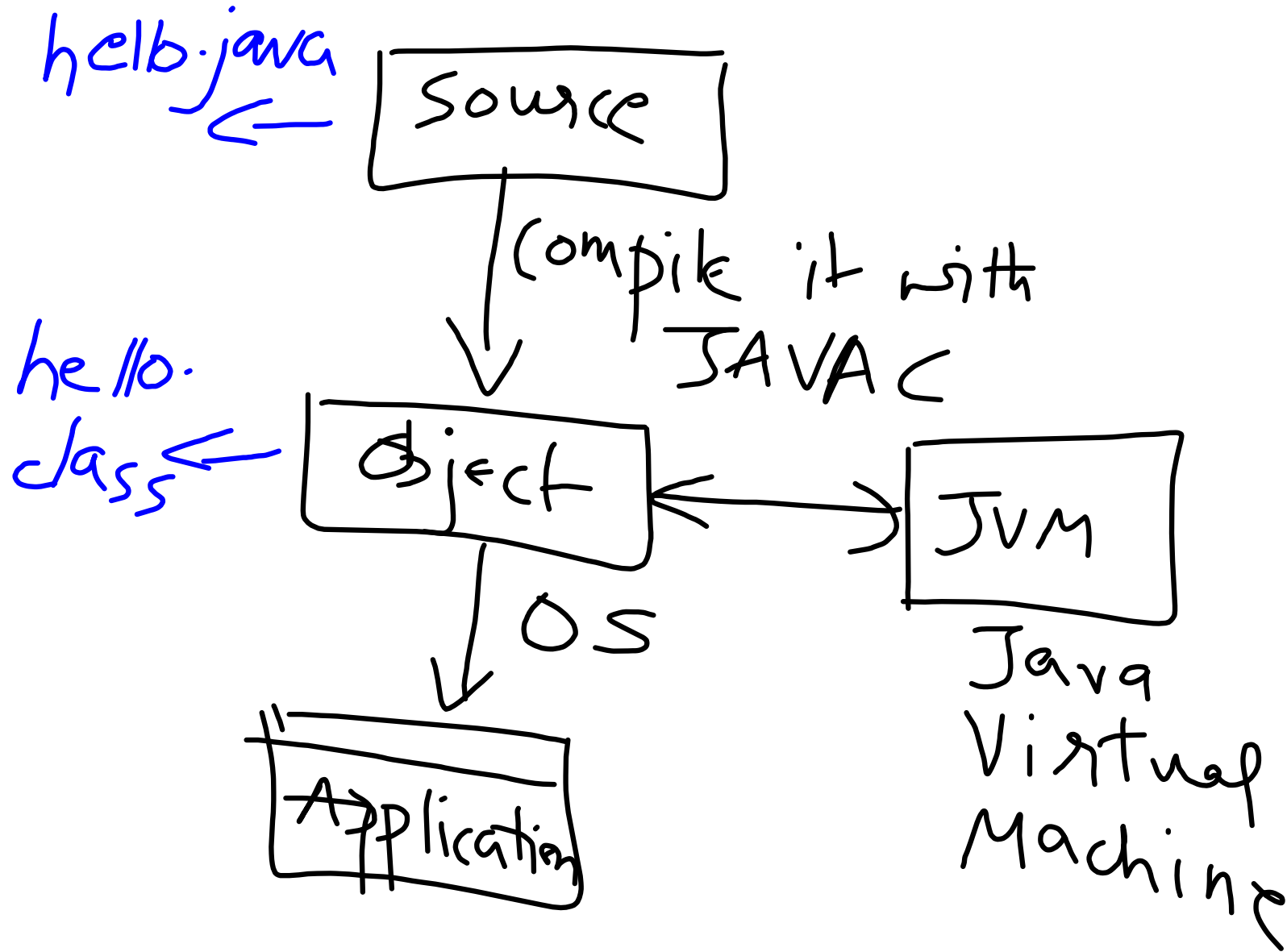
female



How to write
JAVA?
:

JCreator		IDE
RealJ		
BlueJ		



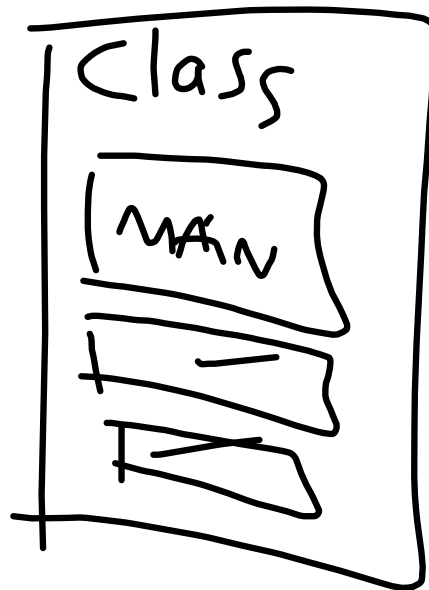


\ JAVA files

```
1
2
3 class helloWorld
4 {
5
6
7 public static void main(String[] args)
8 {
9
10
11 System.out.println( "Hello World!1212");
12
13
14
15 }
16
17
18 }
19 }
```

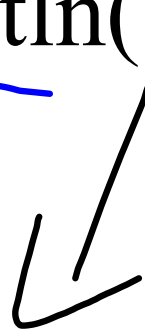
Main class within which the program will exist. The class name **MUST BE** the same name as the file.

This is the **main()** function which is the **HEAD** or the **BRAIN** of the entire program. Whatever is included in this section is the **ONLY** thing that is executed. Anything outside this is ignored even if the syntax is correct.



My first program

System.out.println(" ");



Message to
be printed on
the console.

```
public static void main( String [] args)
```