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Java is an interpreted language!

When you compile you don't produce an executable (.exe)

When you compile hello.c, hello.exe gets produced.

In Java, when you compile you create a .class file which has Java Byte Code

> javac Hello.java
Creates Hello.class

Now you just need "Java Runtime Environment" (JRE) to ~~execute~~ this file → interpret

> java Hello

BTW, Python is interpreted

Need to Download

1) JDK (Java Development Kit) - compiler

2) IDE (Integrated Development Environment)

→ I do this w/ Notepad++.

* Name of file must match name of public class in it! Hello.java has class Hello

Static - "belongs to the class"

Instance - "belongs to the object"

Escape Sequence to know

\n - newline

\t - tab

\\" - double quote

\\ - backslash

+ sign overloaded (in Java)

+ has 2 different definitions

(1) addition

(2) string concatenation

$a + b \rightarrow$ if both ~~are~~ numeric, we
add

$a + b \rightarrow$ if either is a string, we
do string concatenation

$"Hi" + 3 \rightarrow "Hi 3"$

$17 + "10" \rightarrow "1710"$