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Java Chapter 2

1. Back then, computer programmers had to punch in encrypted punch cards in order to make code.
2. Assembly: Human can read. Machine: Robot read.
3. FORTAN: 1956. COBOL: 1960. Pascal and C: 1970. C++: 1980.
4. FORTAN, COBOL, Ada, C++ usually executable.
5. Compiled is a one time analysis, can be used over and over again quickly. Interpret requires retranslating it every time it’s ran.
6. Bytecode can be easily transferred through internet because it has no platform compared to machine code.
7. Turns bytecode into commands on a webpage to be displayed.
8. The term “bug” was made by Grace Hooper, who found a moth in her computer.
9. Syntax error is an error that is when code is grammatically incorrect. Logic is when code works, but not the way it’s supposed to work.
10. Abortion of the run-time and an explanation of the error.
11. Robust and well-tested, and easily customizable.
12. No, because this is to prevent the programmer to have two runnable versions of a same class in the same folder.
13. Smalltalk was made in Xerox Palo Alto Research Center by Alan Kay who dreamed that one day these computers will be so inexpensive that everyone can own one and do object-oriented programming by themselves.
14. Let’s you use stuff that you or someone has already made.