**Formal Language:** specific perfect languages with finite rules

**Programming Language:** adaptive languages that evolve naturally (real languages)

**Portability:** a program that can run on multiple kinds of computers

**Interpret:** to execute a program in a high-level language by translating it one line at a time

**Compile:** translating high-level language → low-level language for later execution

**Source Code:** uncompiled code (high-level)

**Object Code:** output of the compiler after translation

**Executable:** object code that is ready to be executed

**Byte Code:** special code used by Java programs, portable low-level language code

**Comment:** you’re wilding if you think I need to read a definition to understand this one

**Algorithm:** a general process for solving certain problems

**Bug:** an error

**Syntax:** structure

**Semantics:** logic + meaning

**Parse:** examining and analyzing syntax

**Syntax Error:** an error in syntax that makes a program impossible to compile or run

**Exception:** run-time error

**Logical Error:** program that runs, but has a flaw in the programmer’s logic, and fails to perform its desired purpose

**Debugging:** process of finding and fixing any of the three kinds of errors