- Interpreted vs Compiled code:

Interpreted code runs from top to bottom and the result of running the code is immediately returned. It doesn't need to be transformed into a different form before the browser runs it. The code is received in its programmer-friendly text form and processed directly from that.

Compiled ~~code~~ languages are transformed or compiled into another form before they are run. For example, C/C++ codes are compiled into machine code that is then run by the computer. The program is executed from a binary format, which was generated from the original program source code.

Most modern JS ~~cod~~ interpreters actually use a technique called Just-in-time compiling to improve performance; the JS source code gets compiled into a faster, binary format while the script is being used, so that it can be run as quickly as possible. However, JS is still considered an interpreted language, since the compilation is handled at run time, rather than ahead of time.