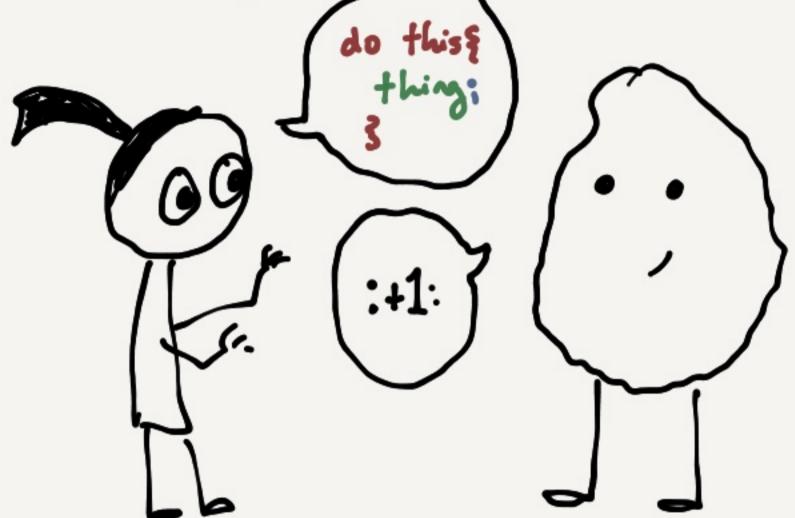
What is Byte code?

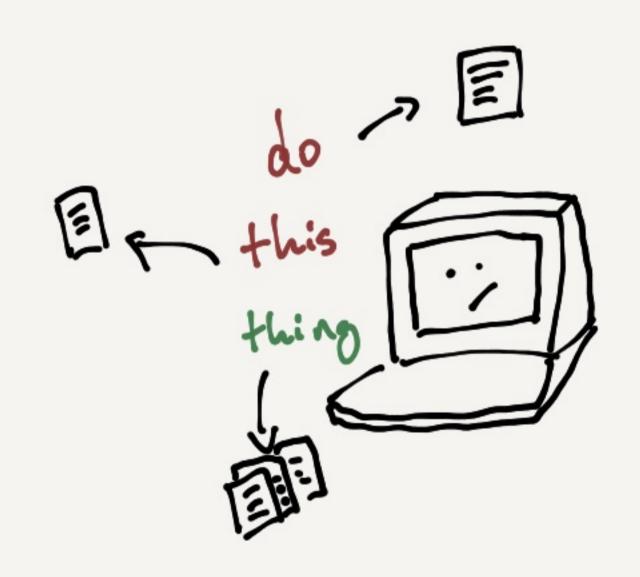
High level programming languages (like Java Script) help programmers

do this?

communicate the

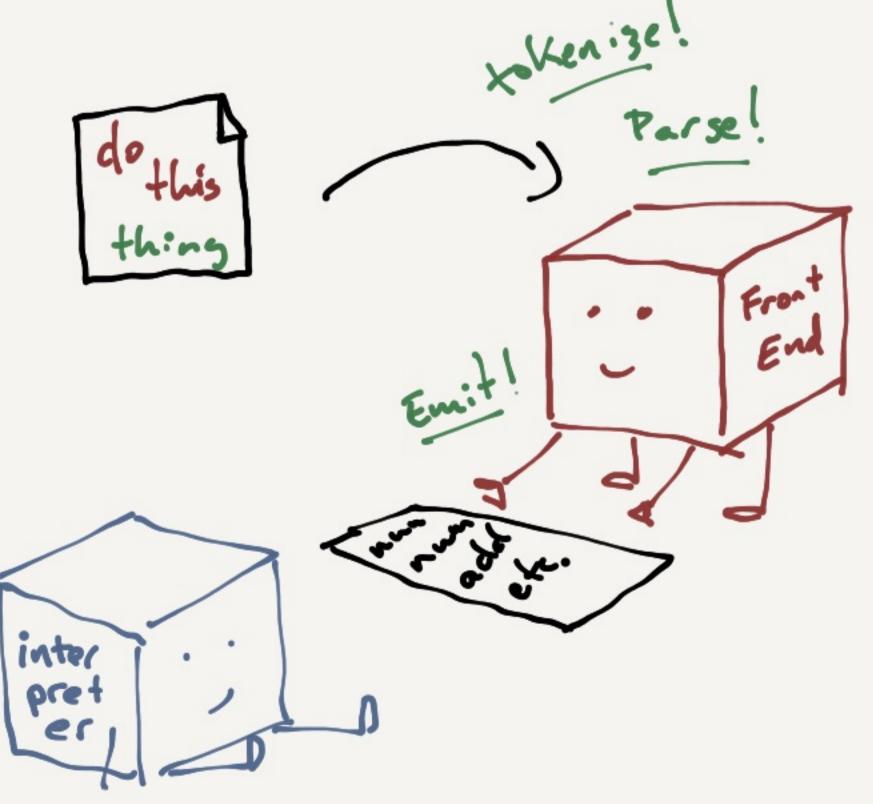


Intent of a Set of instructions to other programmers.

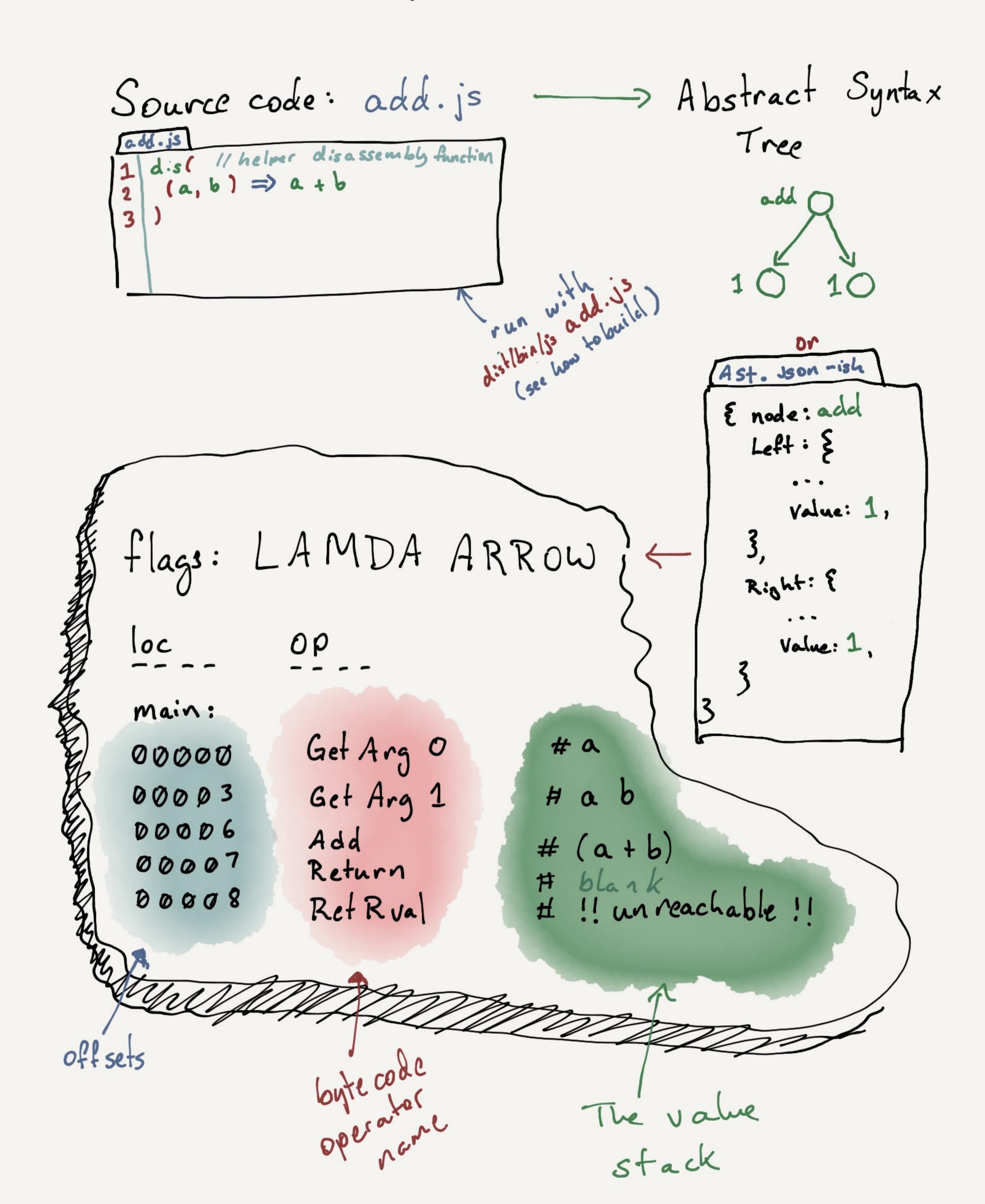


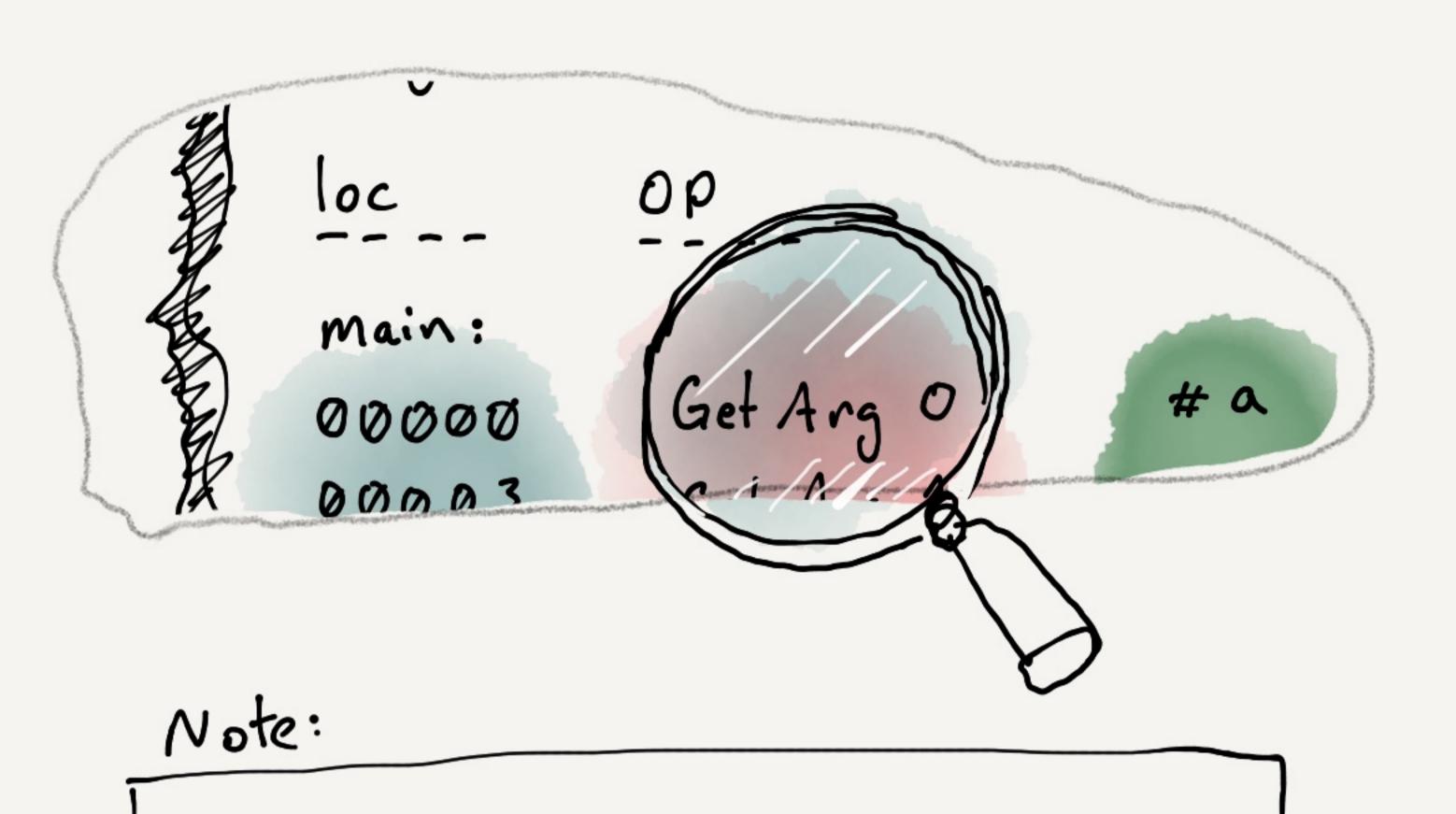
But! these instructions are not something a computer can work with efficiently

So, interpreters and compilers translate sourcecode into an easier-to-process form. BYTE CODE!



A concrete example from Spider Monkey





Zooming
in
on
Get Arg

```
00000
000034 offset is the size!
                             use X/1x < address>
                                 y gdb or LLDB togetthis
Byte code stack
                                  value
        Address (PC -> program counter)
                                 Ox OO

Gel Arg
      0x00000001092af7e1
                " 1092af7e2
 1:
                " 1092 afte 3
 2:
                " 1092af7e 4
                                 0 x ba
0 x 01
Get Arg
  3:
                11 1092 afte 5
  4:
                 11 1092af7e6
  5:
      Oxba -> representation of Get Arg operator
```

0x00 + 0x00 -> ulb "0" represented as U8

