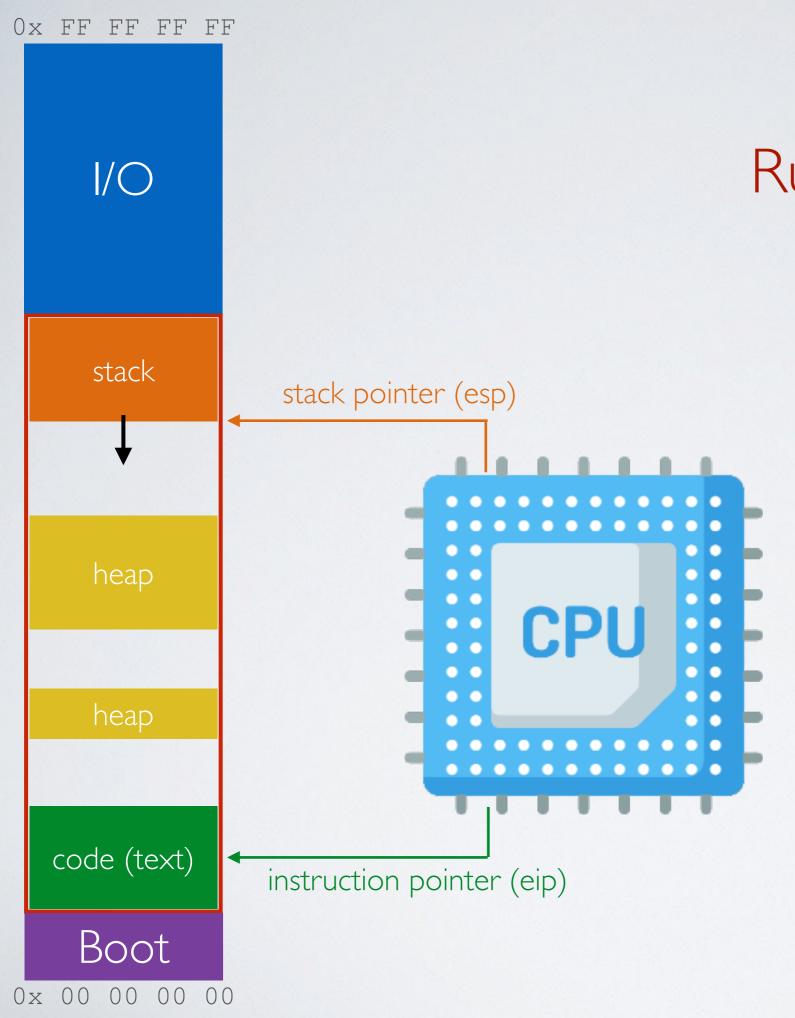
Each processor has its Instruction Set Architecture (ISA)

Processor executes instructions stored in memory

- → Each instruction is a bit string that the processor understands as an operation
 - arithmetic
 - read/write bit strings
 - bit logic
 - jumps
- √ ~2000 instructions on modern x86-64 processors



Running one program