



CS208

F, 24 April 2026

CPU - executes instructions  
in sequence

"machine language"

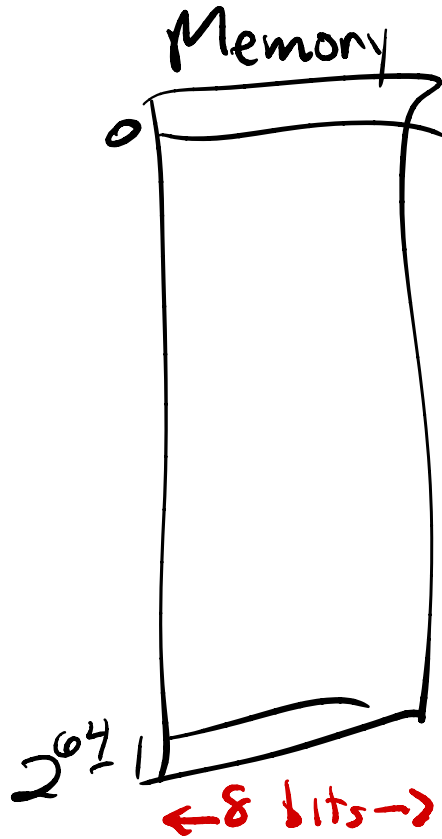
instruction is a bunch of bits  
∧ the bits physically  
control computation

Machine lang is hard to read

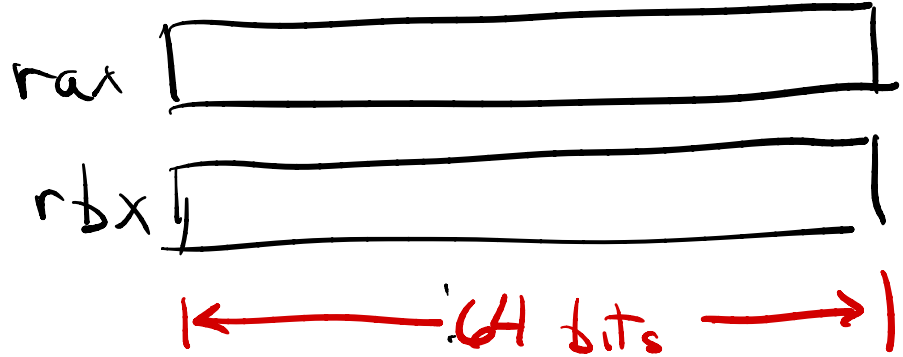
so: m.lang instructions  
have human-"readable"  
synonyms

↳ "assembly language"

# Assembly language's World



## Registers



↑  
Do not have  
numerical addresses

