

I was taught assembler in my second year  
of school



It's kind of like construction work  
with a toothpick for a tool

So when I made my senior year I  
threw that code away

And I let ~~them~~ <sup>from</sup> that I



✓ labels

✓ cmov

✓ stack

[ push  
pop

✓ call

✓ ret

calling  
conventions

$$x = f(y, z)$$

# Unconditional

add  
jmp  
mov

# Conditional

jle  
jl  
jge  
jng  
jle  
jge  
ja  
jbe  
jae  
jnb  
jbe

Jump

cmov

le  
e  
ne  
a  
:





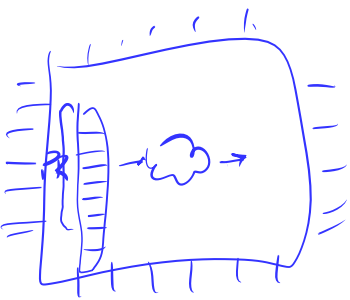
Call

L1



Call

address of code  
\$dff032



1. pushq (code address)

2. jmp L1

jmp \$dff032

ret

popq

%PC

Not a program register

