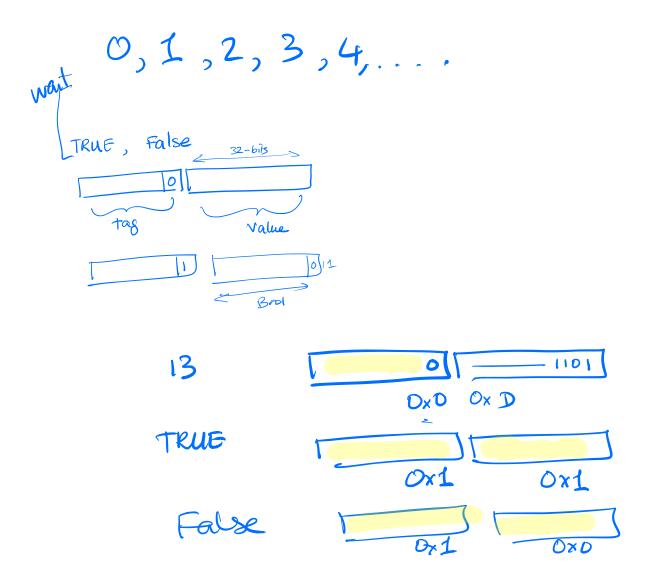
- o Int
- · Bool TRUE/False

- · Strings ×
- · Pointers/Structures/Tuples
- \* Functions / Closures

## 2 + true



TRUE = 
$$0000000000$$

TRUE =  $000000000$ 

TRUE =  $000000000$ 

TRUE =  $000000000$ 

Significant

FACSE =  $00000$ 

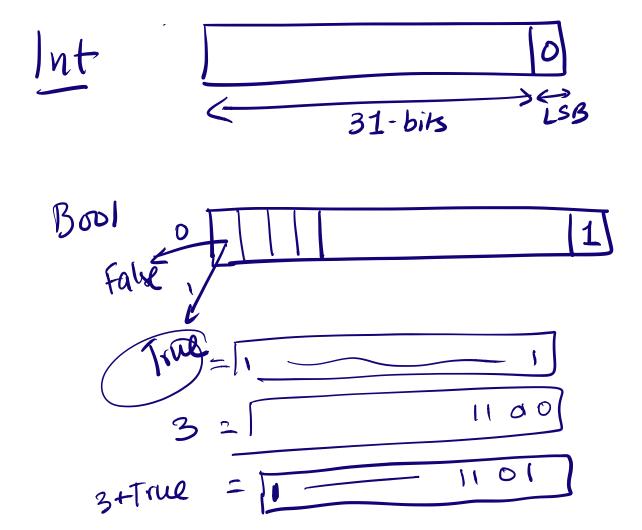
13 =  $0000$ 

1010

where SHALL we unfligt?

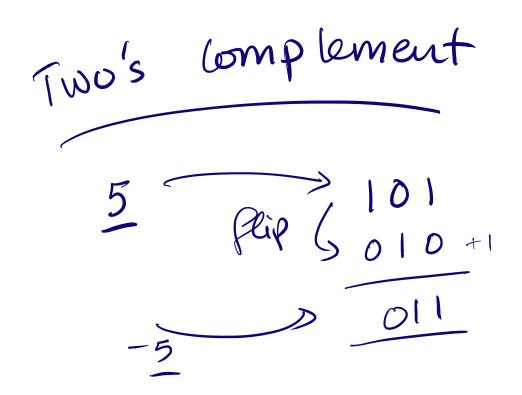
O

o "where we prout it"



Value Rop

$$2 \quad 0\times4$$
 $4 \quad 0\times8$ 
 $2+4 \quad 0\timesC \quad (12)$ 
 $11 \quad 12 \quad 2.1$ 
 $11 \quad 12$ 



A Valentine-Shmalentine WED

B ThU is Fine!

MON\* please!

### \* AFIER midtern

V, ( V2

mor eax, (V)

cmp eax, < v2>

) jue not-less-than.i

less-thau-i:

mov eax, TRUE
jmp exiti
not-less-thati:
mov eax, Falsé

exit\_i:

V1 22 V2 V, then belse TRUE else if V then TASSE Ou TRUF check v, is int

Check V2 is int

V1 + V2

[mov eax, (V1)

add eax, (V2)

7 + true

V, + Vz V, 28 Vz

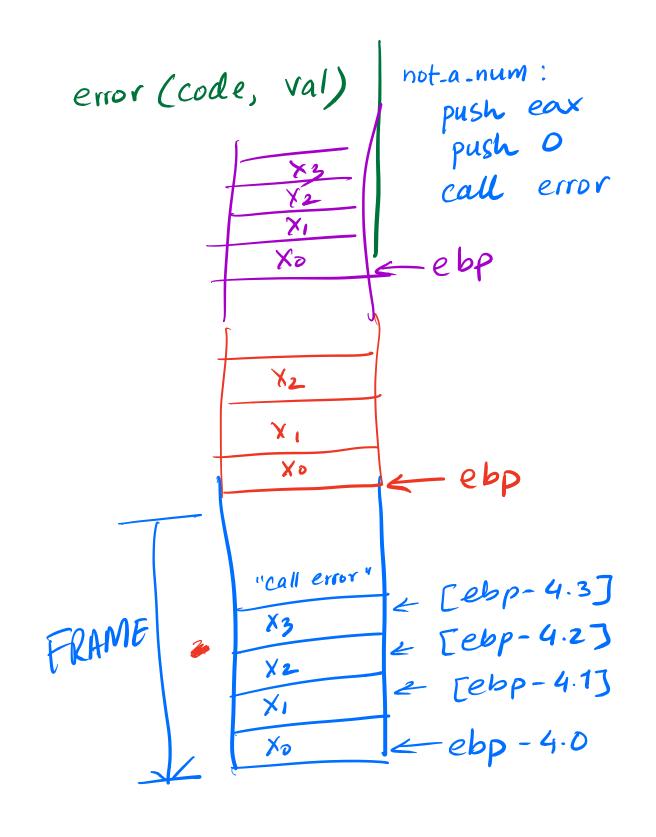
II II II II II III
int int boolen bælean

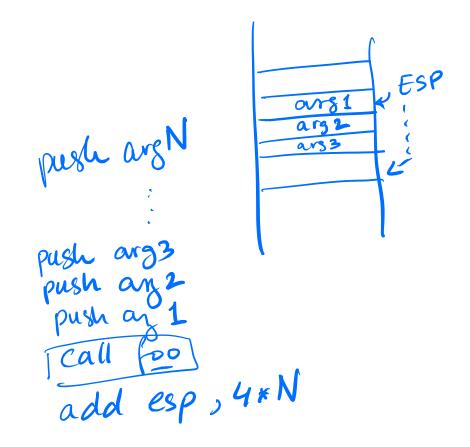
mov cax (V)
mo ebx, eax
and cbx, 1

cmp ebx, 0

jne not-a-number:

not\_a\_number:
How to CALL error





UNDECIDABLE

Programs MAGC > 1000 Stackram

This sentence is a Lie!

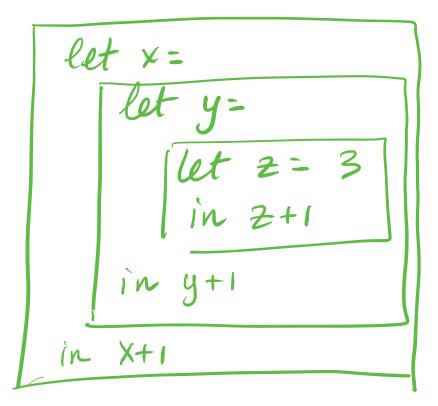
# FEWEST stack slots need to exec if true: else: max (vars cond, vars ez) vars cond max (vars e, , vars e2)

A. O B. 1

C. 2

D. 3

F. 4



 $\frac{1}{11} = \frac{1}{11} = \frac{1}{11}$