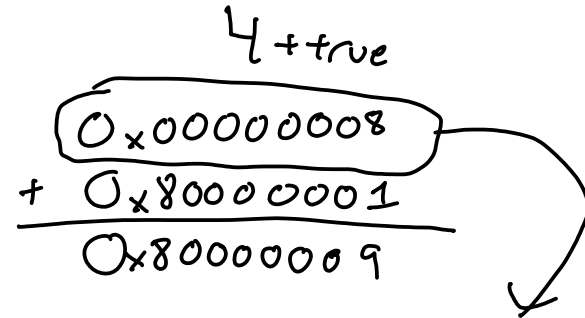


Binary Representation

Tag Bit 0000 0000 0000 0000 0000 0000 0000 0000

0x80000001 true
 0x00000001 false



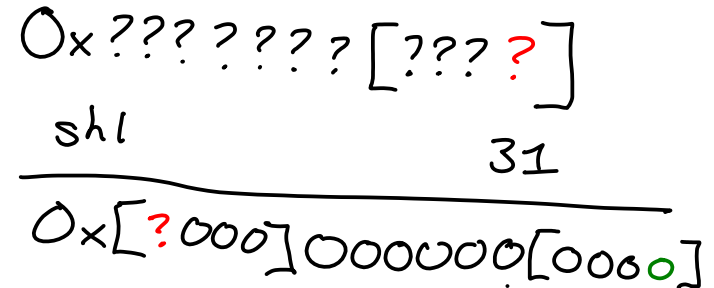
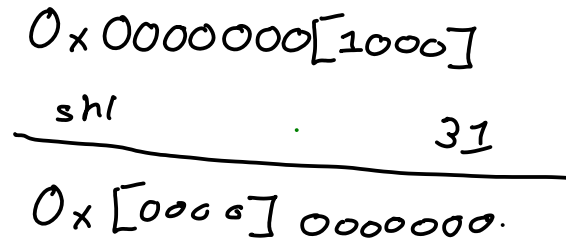
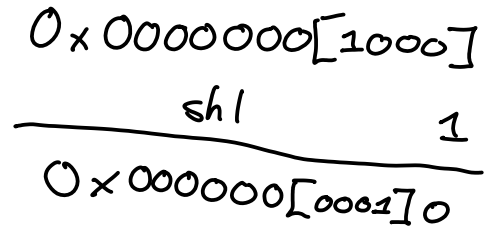
IsBool

↓
 isbool (4)
 Cobra

```

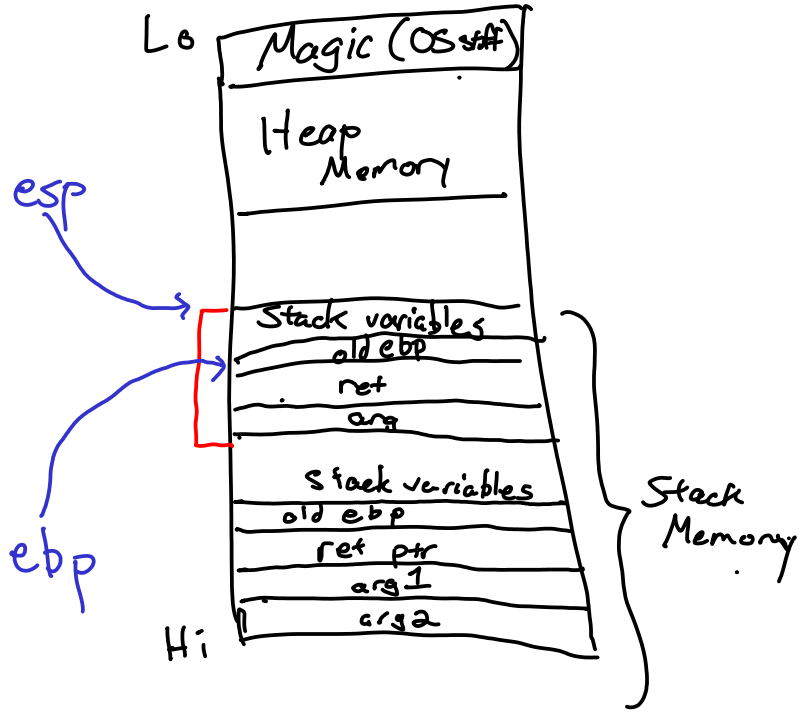
mov eax, 8          shl  eax, 31
and eax, 1          or   eax, 1
cmp  eax, 0
je   else?
mov  eax, 0x80000001
jmp  endif?
else?:
mov  eax, 0x00000001
endif?:

```



Errors

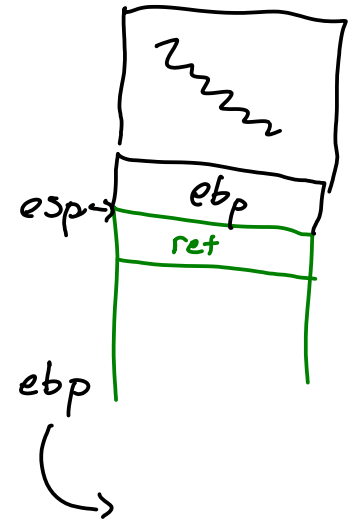
4 + true \Rightarrow \parallel
 \wedge



```
push ebp  
mov ebp, esp  
sub esp, 16
```

~~~~~

```
mov esp, ebp  
pop ebp  
ret
```



# Be A Caller

global stopWithError

push 3  
call stopWithError  
add esp, 4

$\langle \text{expr} \rangle ::= \dots$

print( $\langle \text{expr} \rangle$ )

print(3) + 1