

1. sign

2. magnitude

-81

operandos: -2 110 md

mf 2 010  $\xrightarrow{2/3}$  101  
110

110  
000 010 0  
011

110  
000 001 0  
010

PD = PD - MF

000  
010  
010

010 001 0  
010

001 000 1  
001

PD = PD + MF

001  
010  
111

111 000 1  
001

111 000 0  
000

-4 ← 111 100  $\xrightarrow{2/3}$  000 011  $\rightarrow$  000 100

1. load eax data
2. load eax addr. mem
3. load eax ecx

C: int cons a = 1;