

$\text{eax} := \text{eax} + \text{ebx} \bmod 0x100000000$

if  $\text{eax} + \text{ebx} \geq 0x100000000$

OF:=1

OF:=0

$a := a \ll c$

if  $(c == 1) \ \&\& \ (\text{bit } 32 \text{ of } \text{eax} == \text{bit } 31 \text{ of } \text{eax})$

OF:=0

OF:=1

if OF == 1

<instr 4>

<target instr>