

$$\text{ES: } z = 16 \cdot x + 3 \cdot y - 13500$$

OPCODE  $\pm$  displacement (base, indice, scala)

$$\text{Indirizzo} = \left| \text{base} + \text{indice} \times \text{scala} \pm \text{displacement} \right|_{2^{32}}$$

MOV Y, %EAX

LEA -13500(%EAX,%EAX,2), %EAX

MOV X, %EBX

SHL \$4, %EBX

[ADD %EBX, %EAX

MOV %EAX, z

$$\left| \underbrace{Y + Y \cdot 2}_{Y \cdot 3} - 13500 \right|_{2^{32}}$$

$$16 \cdot x = 2^4 \cdot x$$

SOMMO LE DUE PARTI E OTTENGO Z