

AAS (ASCII adjust after subtraction)

$R9 - 39 \rightarrow JA$ to destroy result

$$AL = 39h - 33h$$

$$= 06h$$

lower nibble of AL is 6 < 9 so
no change will happen.

$$AX = 0006h$$

AX = no change

'3' - '9'

$$AL = 33h - 39h$$

$$= FAh$$

lower nibble of

$$AL \text{ is } 0A(10) > 9$$

$$\underline{\underline{SO}}, \underline{JA} \rightarrow AAS$$

H.98 sides + CF = 1010 - 0110

$\underline{1010}$ (sub) JA to destroy 04h.

$$\underline{0110}$$

$$\underline{0100}$$

$$\underline{0001}$$

$$\underline{1110}$$

AFTER ~~0~~ - JA.

$$0101 = \cancel{1110001}$$

$$FA = \cancel{1110}$$

$$FF04 H.00 0110$$

$$0000 0010 + 0000 010 = 0100 0000$$

$$1110 \rightarrow \cancel{0000}$$