1 byte : $\overbrace{0 \ldots . 255}^{256 = 2^8}$ - unsigned

$-128 \ldots . 127$ - signed

byte - data is represented on 8 bits

word - 2 bytes (data is represented on 16 bits)

doubleword - 4 bytes (data is represented on 32 bits)

quadword - 8 bytes (data is represented on 64 bits)

EQU 10

1.

a. db 0 byte

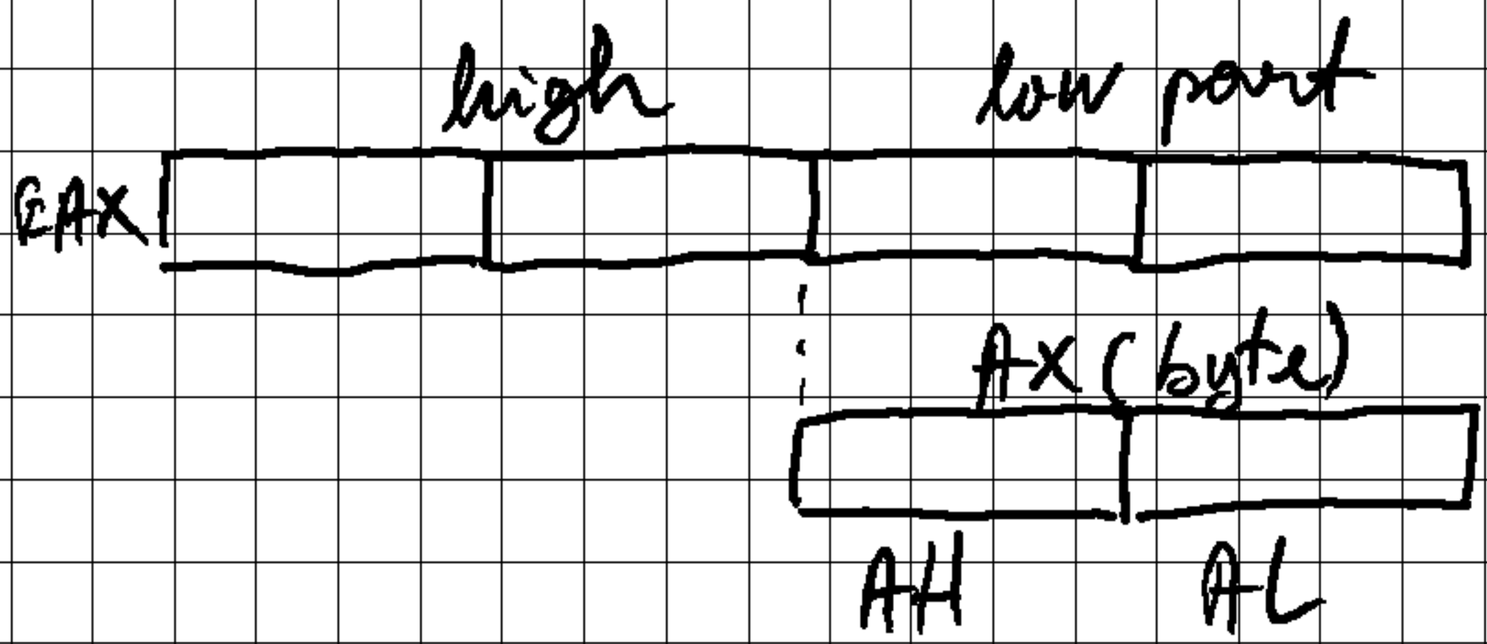
b. dw 500 word (2 byte)

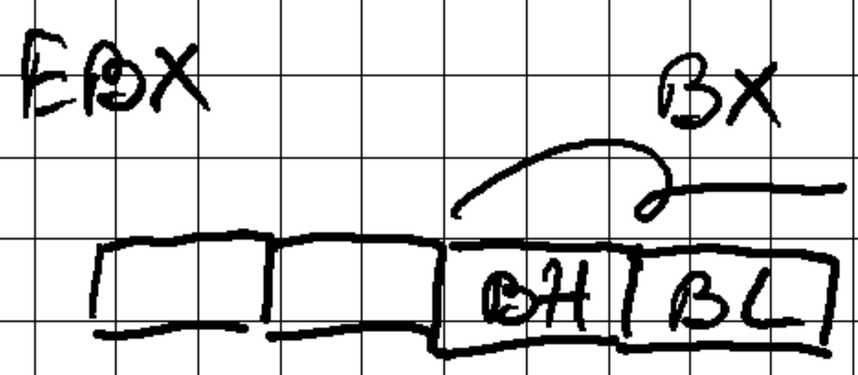
dd 10 doubleword

c.

Registers:

EAX - 32 bits





ECX

EDX

digits:

1 hexa - 4 binary

1 byte - 2 hexadecimal

3 byte - 8 hexadecimal

17AC01D8

D8 01 AC 17 little ending representation