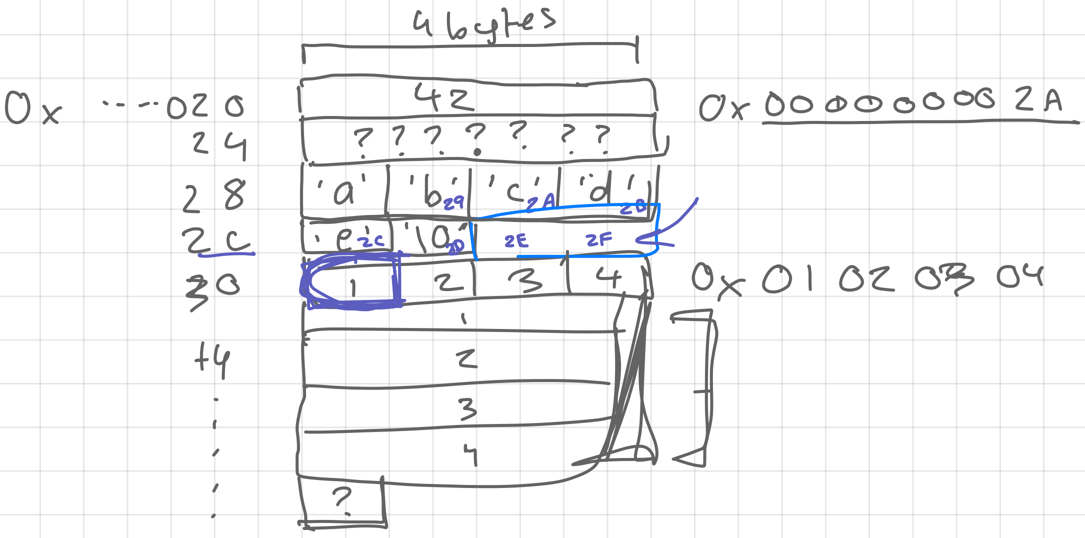
AA - - - - - -

8 bits

1 hex digit = 4bits

A	10	1010
B	11	1011
C	12	1100
D	13	1101
E	14	1110
F	15	1111

0



.space 80

int z[20]

sizeof(int) × 20;

int v = 42

= .word 42.

int u;

.space 4

char w;

.space 1

char x = 'a';

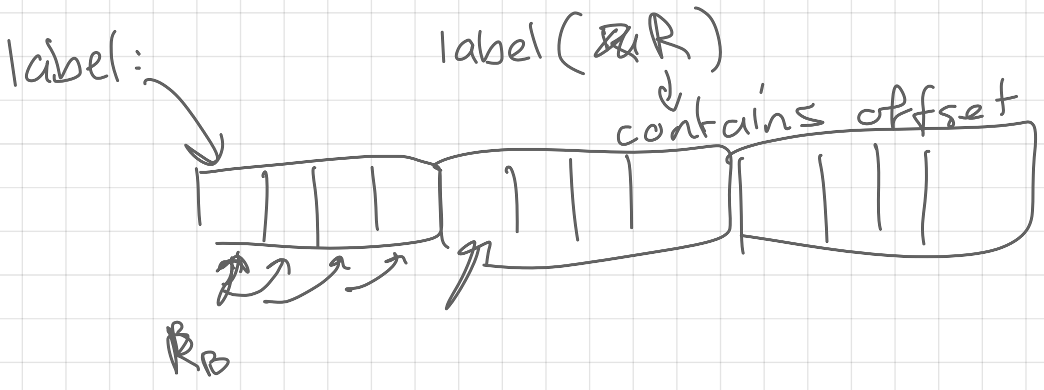
.byte 'a'

double y;

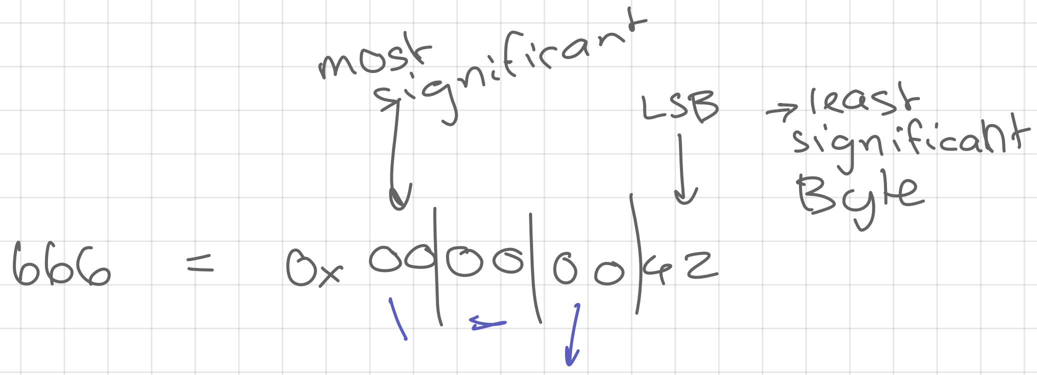
.space 8 ← assumed.

a) t0 = 0x10010000

b) t0 = 666

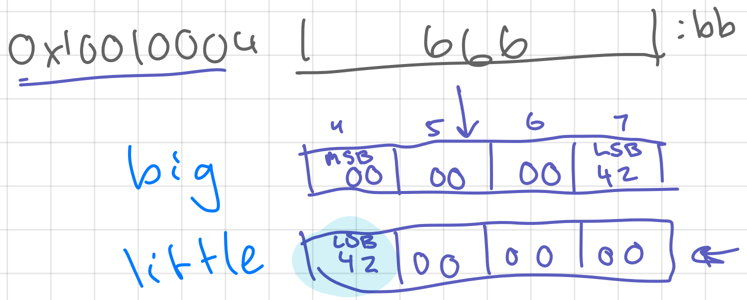


lw 4(R_B)



"endianess"

little - endian
big - endian



c) t0 = 0x42

d) t0 = 666

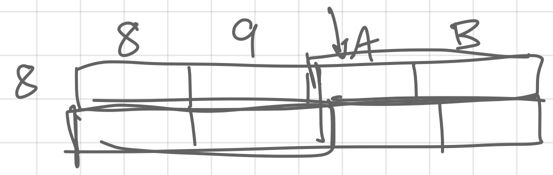
c) $t1 = 0x1001000C

t0 = 1

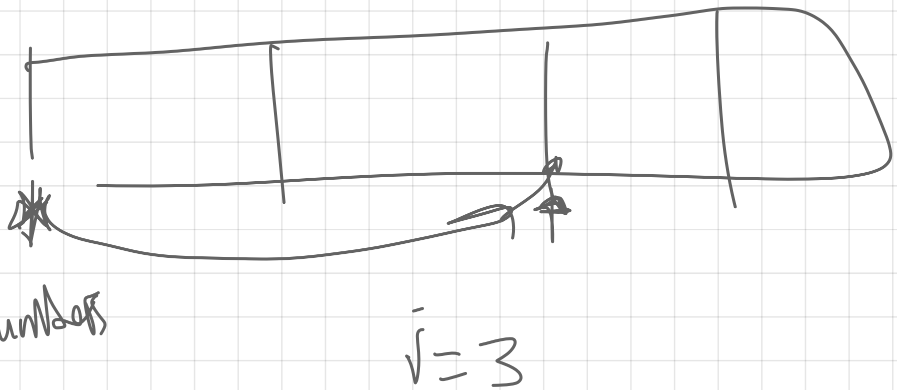
c) $t1

t0 lw cc+8

t1 = 5



memory misalignment / bad address



i = 3

numbers + i x 4

starting position

index

sizeof array element