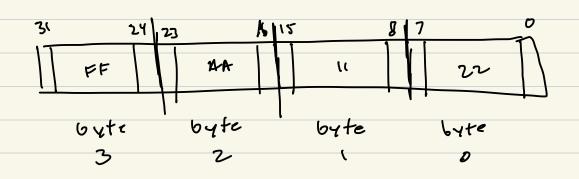
C5315-02 Lab Bits Project 03 overview Bit Manipulation In C -> bitwise operators binary bits 50 t unset W: D h low off folse true byte 8 bits 16 (28 64 32 8 4 2 msb 128 + 64 + 16 + 8 + 1 = 217 word 32 bits



OXFFAR 11 22

Bitwise operators

ANT	& c	or 1	NOT ~	KOR 1
a b	a.b	a b a	lb a	Na abjart
0 0	0	000	, 0	0 1 1
0 \	0	10		0 16 1
١ ٥	0	, ,	1	, , , ,
1 '	\ \	() (1	

vint8. 4 a, b;

0 = 06 100 1100 1

Shifts

Assembly

Lefx Shite

20

a ZZ n Number of 675

Shift a >> n

22

12:5Wt

Not

1001

and land:

or / or;

Lor / xor: 511/511: Srl / sili

1110111 7 06000 00.7 11111000 Projectos calling strlen · global stylen foo: E preserve Hao & addr Call Strlen 1 (aojal) .- , to, t1,