[5315-01 components and Sequential Logic

max 2 6,60 (1 10 [i, []= (a, ·ao·bibo) a, ao + (ā,·āo·b,·b.) ဗ + ( 5, 00 . 5, . 6, ) + (ā, · a. · b, · b.) (= ri, ŀ O Ð 

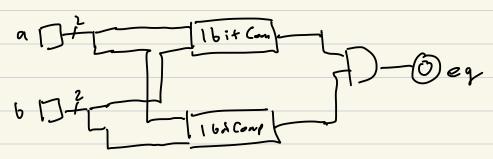
## Project05

## (ombinational Logic

W.	6	er?	Xor	× No 2
0	0	1	0	1
O	١	0	1	0
ı	0	D	l	0
1	1	1	0	1

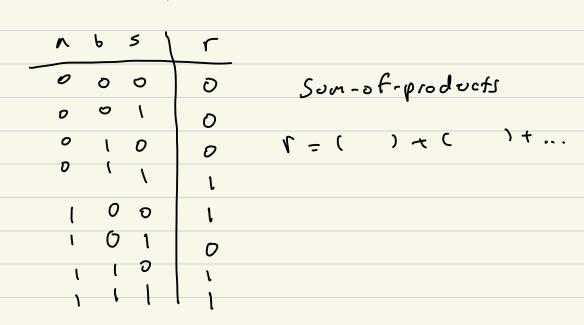
I bit comparator

if (a==b) 2 - bit comparated

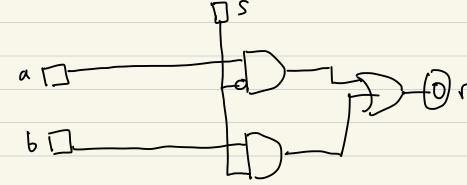


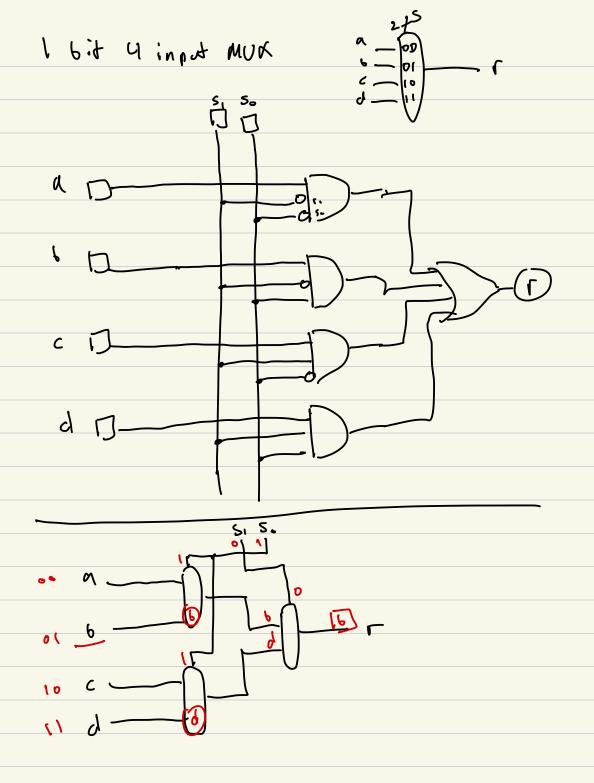
Multiplexor (MUX) 3267 2 input MUX 16it Zimput MUX α P. 4 P. 4

1 bit 2 input MUX



Direct implementation





2 bit zinput MUX Sequential hogic high Clock

How to store a 1 tot value? SP Latch Sct/reset Static RAM

