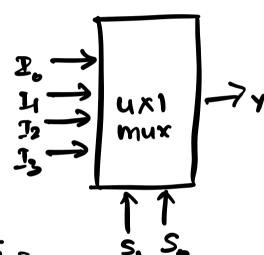
Multiplexers:

2" inputs, I output, on selection signals

Ex:- ux1 mnx 2" > selection lines

inputs obj)



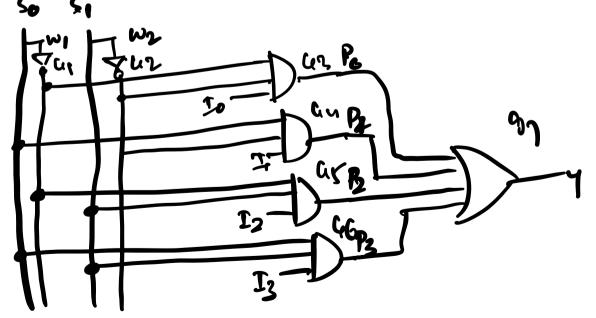
YE SOSIDO + SOSIPH SOSIZH

SOSOIZH

SOSOIZH

SOSOIZH

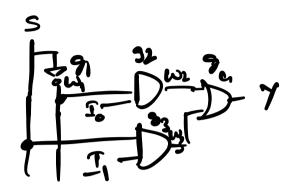
SOSOIZH



2x1 mux;

j	S	17
	0	10
}	1	I

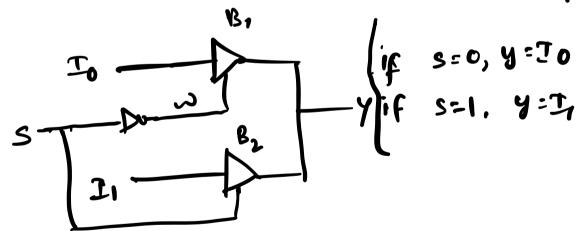
7 = S Jo + SI,



using buffer:



(=1,] = 7 (=0, y = 2 (hith typelone)



GET MUX Wing 2x1 mux:we need 3 2x1 mux's:-

$$\begin{array}{c} T_0 \\ T_1 \\ \hline T_2 \\ \hline T_3 \\ \hline T_2 \\ \hline T_3 \\ \hline T_4 \\ \hline T_5 \\ \hline T_6 \\ \hline T_7 \\ \hline T_8 \\ \hline T_9 \\ \hline T$$

4x1 mux using buffer

module mux_4x1(y,s,I)

output g;

input (3:0) I;

(2 (0:1) Inqui

wile 13:0)y

decoder-2xy a([3:0]), (1:0]5);

bufif 92 (4, To, 7 ?0);

bufif (3(y,I1, 9(U))

Bufit un (y, Ix y (2));

bufif (4) Is, 4(3));

end module.

BKI mux using uximux's

