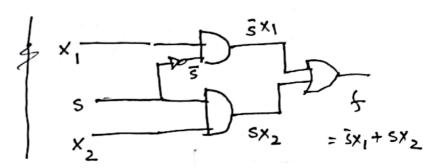
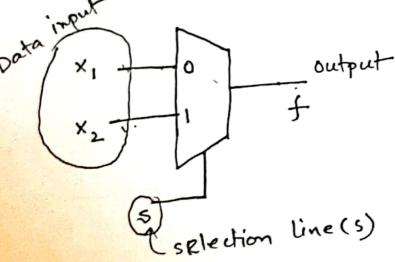


$$\frac{1}{5} = \frac{5}{5} \times_{1} \times_{2} + \frac{5}{5} \times_{1} + \frac{5}{5} \times_{2}$$

$$= \frac{5}{5} \times_{1} + \frac{5}{5} \times_{2} + \frac{5}{5} \times_{1} \times_{2} \times_{2} \times_{2} + \frac{5}{5} \times_{1} \times_{2} \times_{2}$$



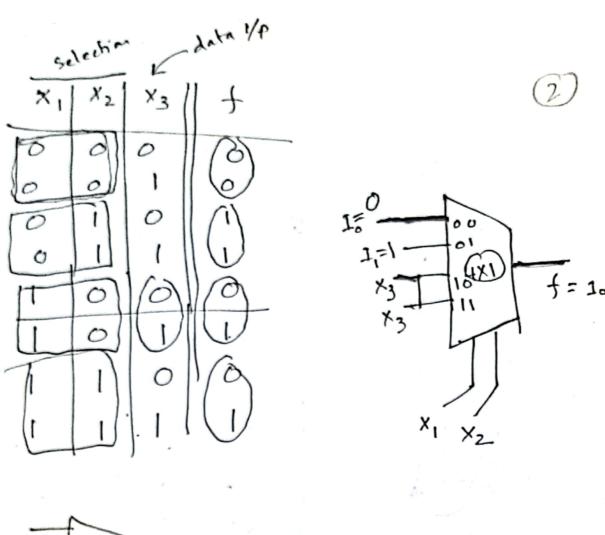


Multiplexer

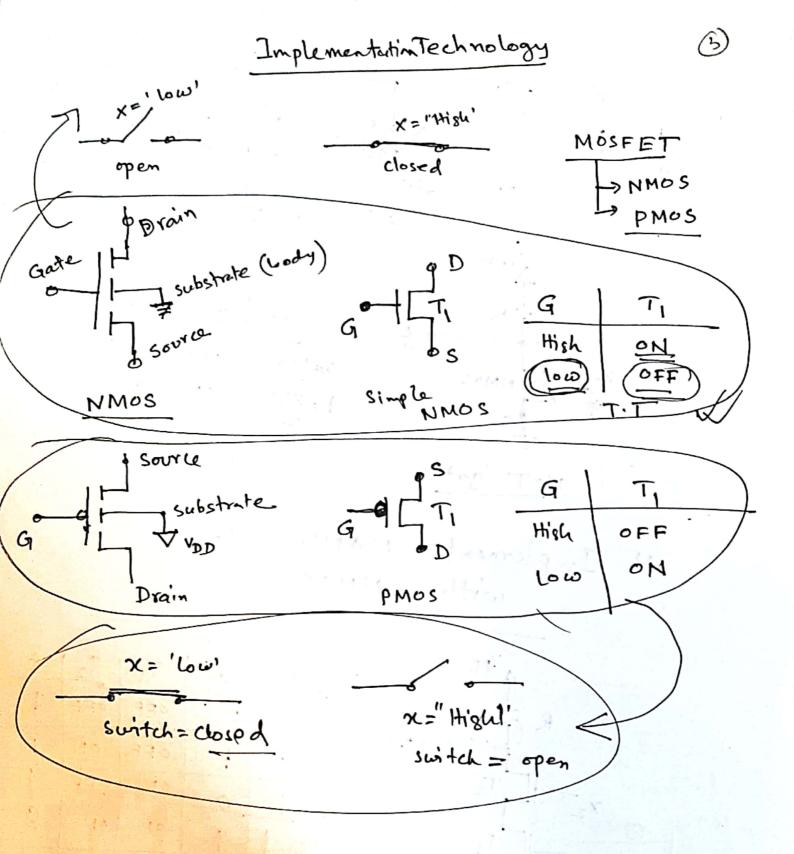
2" -> input

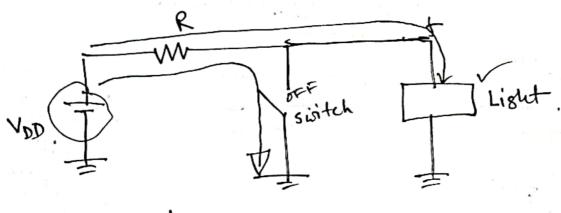
(n) -> selection line

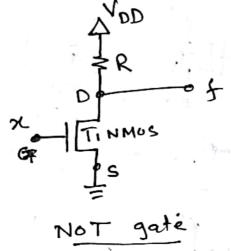
1 -> output



Select lines







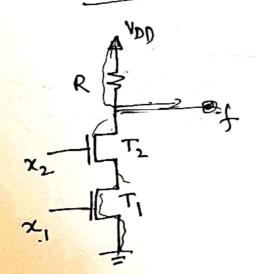
7	Ti	+
0= 10 W	OFF	10
		- J

NOT gate

NOT gate

NAND gate

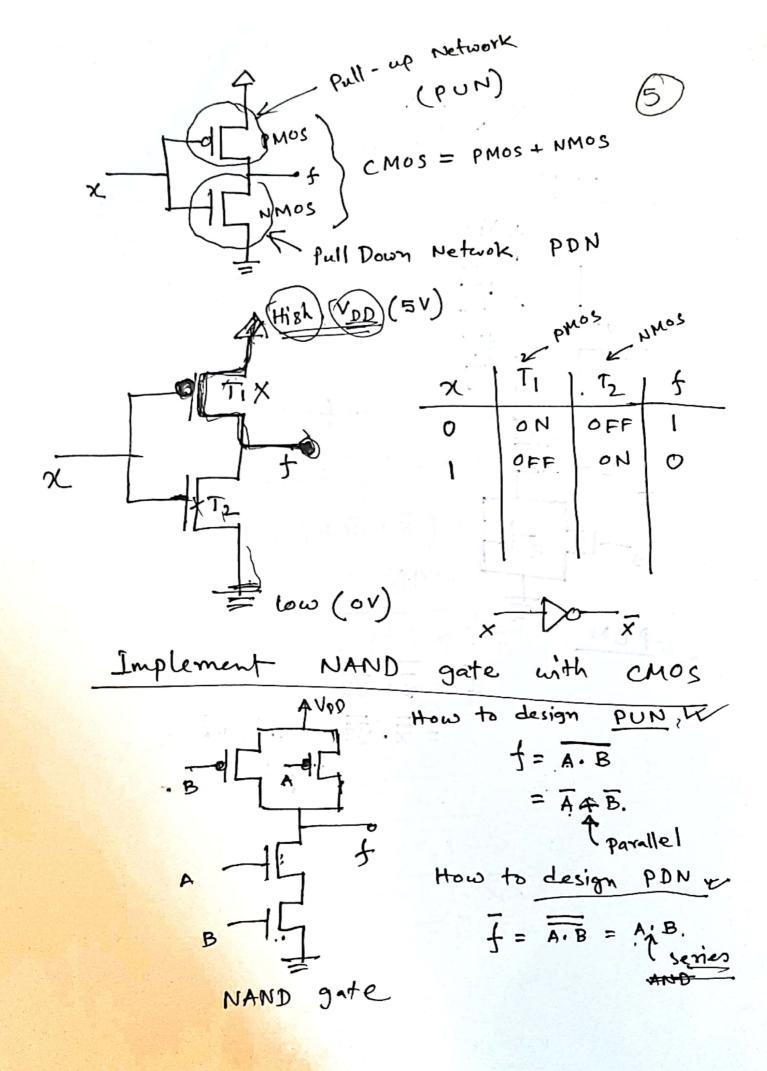
with NMOS

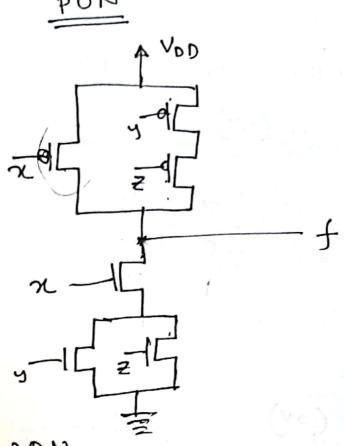


χ_1	1 x2	1,	1 72	5
0	0	OFF	'off	1
0	1	OFF	ON	1.
1	0	ON	off	
1	1	oh	40	0

× ₁ × ₂	100	+
	NAND	

x ₁	12/5	
U	0 1	
0		_
T	0	
T	110	





PDN

$$\vec{f} = \vec{\chi} + \vec{y}\vec{z}$$

$$= \vec{\chi} \cdot \vec{y}\vec{z} = \chi \cdot (\vec{y} + \vec{z})$$

$$= \chi \cdot (y + \vec{z})$$

