md-Snaheen Ahsan 1621826042 Truth table to a combinational circuit Input Reference ABe mintern maxtern A rable Atote 00 001 A+B+e" A'6'e 010 A 18º01 A folte 011 A1Be 0 . AltBte 00 A'+B+er AB'e 0 6 A BIC 10 AltBte! 110 A BC' Altp/+e 6 A'+B'+e1 ABe

Md. Shaheen Ohsan 1621826012 8Ad Table:2 Ist Canonical form F= E (1:216) -> Shorthand Notaion = A 'B'(+ ABC) (A(B/e/)/ = (A)/+(B)/+(C)/ = A+B+e SV A) (9,3) = (A+B+e) (A+B+e) 2nd ranonical form F= n (0,3,4,5,7) = (A+B+e).(A+B+e). (A(+B+e). (A(+B+e) · (Altore)

## 1621826342 md. Shahen Ahsan

1 Opl				7,9,90
Input	[ ABC	P	1 Minter	m Maxtern
0	000	0	2147	124742
190	601	al a	21412	4442
2	670	1	2/72/	24414
3	0 1 1	0	7(47	2+4/+2
9	1 60	0	29/21	2(447
5	101	0	247	2(49+2)
6	116	11	277	2+1+2
$\overline{Z}$	199	6	242	2+9+2

## Diseursian

Today's lab we learn't Maxtern minterm, canonical form to represent boolean functions where winterms corresponding to all on the with tuble are added together.