



A	B	C	D	$F = A'B + C'D'A' + CDA' + C'AB'$
0	0	0	0	1
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	1
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	0

- This circuit is to light up the one of the LED from 7 LED's of a digit displaying circuit. The digits will be from 0 to 9 and this circuit will show up the c
- In this circuit there are 4 input majority detector. Name are given as A, B, C and D. Also the output formula is $F = A'B + C'D'A' + CDA' + C'AB'$. Here F is the variable for output.

1	0	1	0
1	1	1	1
0	0	0	0
1	1	0	0

(Implementation is on next page)







