LAB 2 Pre-Labwoock

BCD code (4 bit) to Seven Segment Display (8bit)

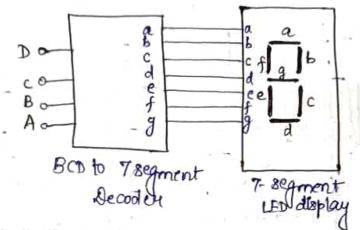
SAURABH KUMAR SC22B146 AV232

Types of seven segment display:

1 Common Cathode: All cathodes of the 7 LEDS ove connected together to the ground or -vcc and the anodes are supplied with HIGHT

and individual cathodes are supplied with Low signal.

6



Truth Table: (For common cathode type)

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	A	В	С	D	a	Ь	С	d	e	f	9
0	0	0	0	0	1	1	t	1	1	1	0
1	0	0	0	1	0	1	1	. 0	0	0	0
2	0	0	1	0	1	1	0	1	1	0	1.
3	0	0	1	1	1	V	1	1	D	0	1
4	0	1	0	0	O	1	1	0	0	1	1
5	0	1	0	1	1	0	1	1	0	1	1
6	0	f	t	0	1	0	1	1	1	1	1
7	0	1	1	1	1	1	1	0	0	0	0
3	1	0	0	0	1	1	1	- 1	1	1	1
9	1	0	0	1	1.	1	1	1	0	1	1

