

Lab 5: In this lab you will perform keypad scan in Ed-Sim51. You will keep on scanning number 7 in keypad and if user presses that key (number 7) you will display number 7 in one of the 7-segment display. You must also sketch the circuit diagram in your lab report.

11	10	9	row3
8	7	6	row2
5	4	3	row1
2	1	0	row0
col2	col1	col0	

Fig: Keypad connected with 8051

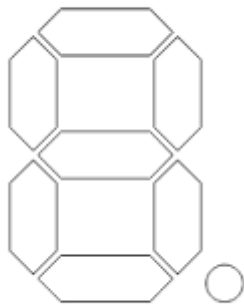


Fig: 7 -segment display