LECTURE 33 - SEVEN SEGMENT DUPLAY

since seven segment can withstand harsh conditions, it is still continued to be used in many places. Here, the contrast is more compared to ris. Voltage I current displays we seven segment and they are available at different eizes in the market.

Alphanumeric and hexadecimal values can be displayed using seven sigment. Generally, 8 HDs are present along with a decimal point. There are 10 external pins having two grounds to reduce the circuit complexity.

There are two types of seven sigment display, namely, common Cathode and common anode. In the common cathode, all the cathode of the 8 HDs are shorted together and taken but as a ground pin whereas in the common anode, all the anode of the 9 HDs are shorted together and taken out as Vic pin.

To make a particular pie segment on, write I to the corresponding pin in case of common cathode whereas this is epposite in the case of common anode since vcc (+5x) is connected, to make a particular segment on, write o to the corresponding pin:

In Proteaus, decimal point is not available.

-	-	Personal and the last	between services of	TO SERVICE TO THE SER	and desired to be a con-	CARLONA William I ARROW	y contra consumenta d	lanta matana antiningi matan	arman and produce and proposited single-lateral to the
	PO-7	Po-6	Po·5	PD-4	P03	Pv.2	PD-1	POD	IOPINO
	a	6	c	d	e	f	8	dp	
O	1	,	1	1	1	1	D	0	DXFC
1	0	1	1	0	0	0	D	0	0×60
2	1	1	0	J	1	0	1	0	OXDA
3	1	ı	1	1	0	0	1	0	0xF2
4	0	1	/	0	0	1	1	0	0x66
5	1	0	1	,	0	1	1	0	exeb
6	1	0	1	1	1	1	1	0	OX BE
7	,	1	1	0	U	0	0	0	OXEO
8	A Contraction of the Contraction	!	1	1	1	1	1	0	OXFE
9	1	1	1	1	0	1	1	0	0xF6