7 Segment Display Example

The 7 Segment Display is an electronic device used mainly to view the numeric digits through switch on of leds.   
There are two possible configuration: common anode and common cathode.   
The display is formed by ten pins, in the common anode seven are the cathodes of leds, two are the common anodes and one   
is for decimal point, instead in the common cathode seven pins are the anodes of leds, two the common cathodes and one   
is for decimal point.   
Every pin of display is called with an alphabet letter as shown in the figure.