LAB.2: SEVEN SEGMENT DISPLAY

Seven segment display systems are among the many systems which we find around in our daily life. They find applications in systems such as elevators systems.

Consider figure 4 below.

a. Write a programme to count from 0 to 9 on the seven segment display. Simulate your system on Proteus and build it on the project board.
b. Connect a push button B1 on pin RA0. Each time the push button is pressed, the count on the seven segment display is incremented. Simulate your system on Proteus ISIS and build it on the project board.

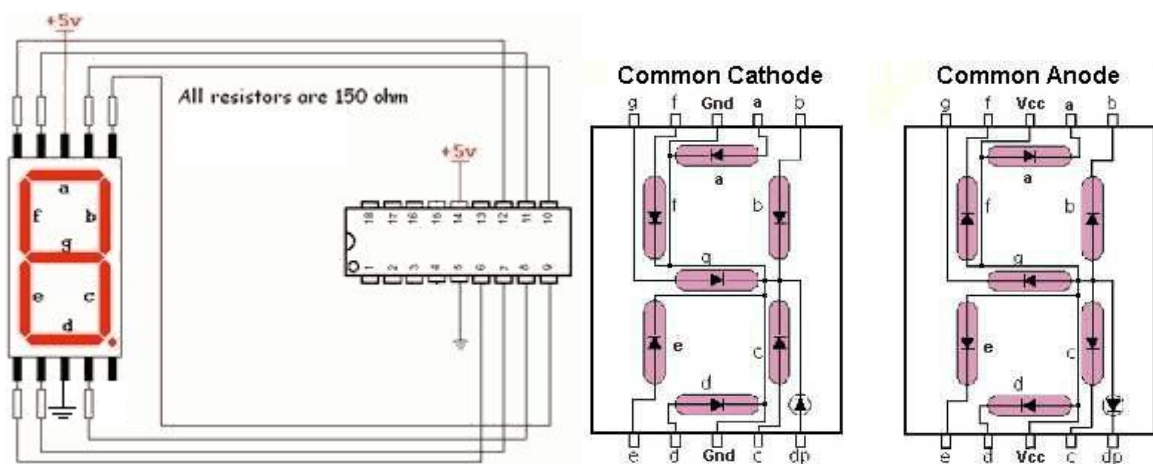You can use any type of seven segment display of your choice (common cathode or common anode)

Figure 4- Interfacing seven segment display (Common Cathode (CC)) with PIC16F84A

Present your results in a Lab report. Attach your source code as appendix.