<i>MCAcademy</i>	PIC Lab #6
	Students:

Write an MPASM program for the PIC16F887 Microcontroller that interfaces to a 4x4 matrix keypad.

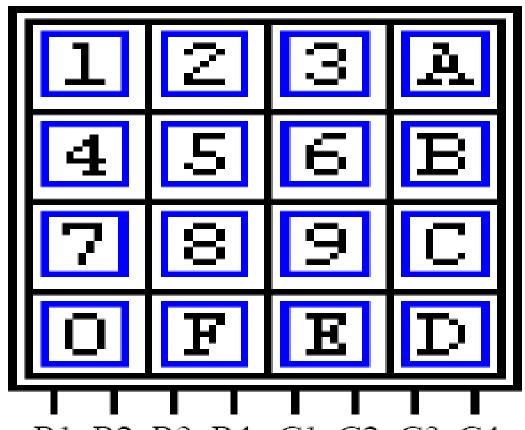
Use a polling scheme to detect which key is pressed. Use 8 LED's to display the key pressed.



## MCAcademy | PIC Lab #7

Students:

4x4 MATRIX KEYPAD PIN CONFIGURATION



R2 R3 R4 C1 C2 C3 C4

1 - R1+C1 4 - R1+C2 2 - R2+C1 5 - R2+C2 3 - R3+C1

A - R4+C1

7 - R1+C3

8 - R2+C3

6 - R3+C2

B - R4+C2 C - R4+C3

0 - R1+C4

F - R2+C4

9 - R3+C3 E - R3+C4

D - R4+C4