

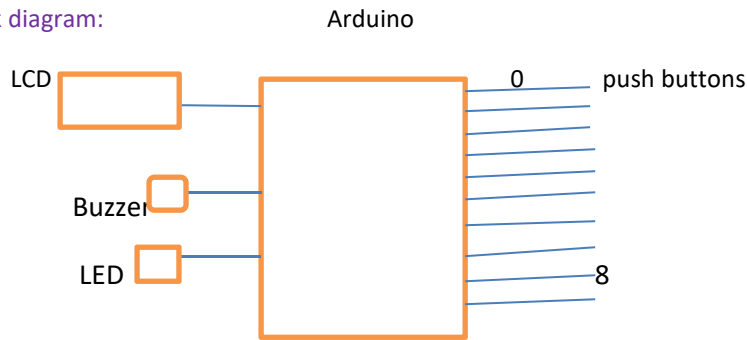
Standard procedure for working on projects:

1. Make a block diagram of whole system.
2. Make a table of input and outputs.
3. Make flowchart of solution.
4. Write code in c.
5. Make circuit and simulate using hex file.

First project:

Objective: connect 10(0-9) push buttons, LCD display , LED, Buzzer to the arduino , if 0-3 pushbuttons state is one then the LCD display shows digits, otherwise buzzer on and led on, LCD display does not shows any digits.

Block diagram:



Input and outputs:

inputs	outputs
10 Push buttons (0-9)	LCD display, Buzzer, LED

Flow chart:

