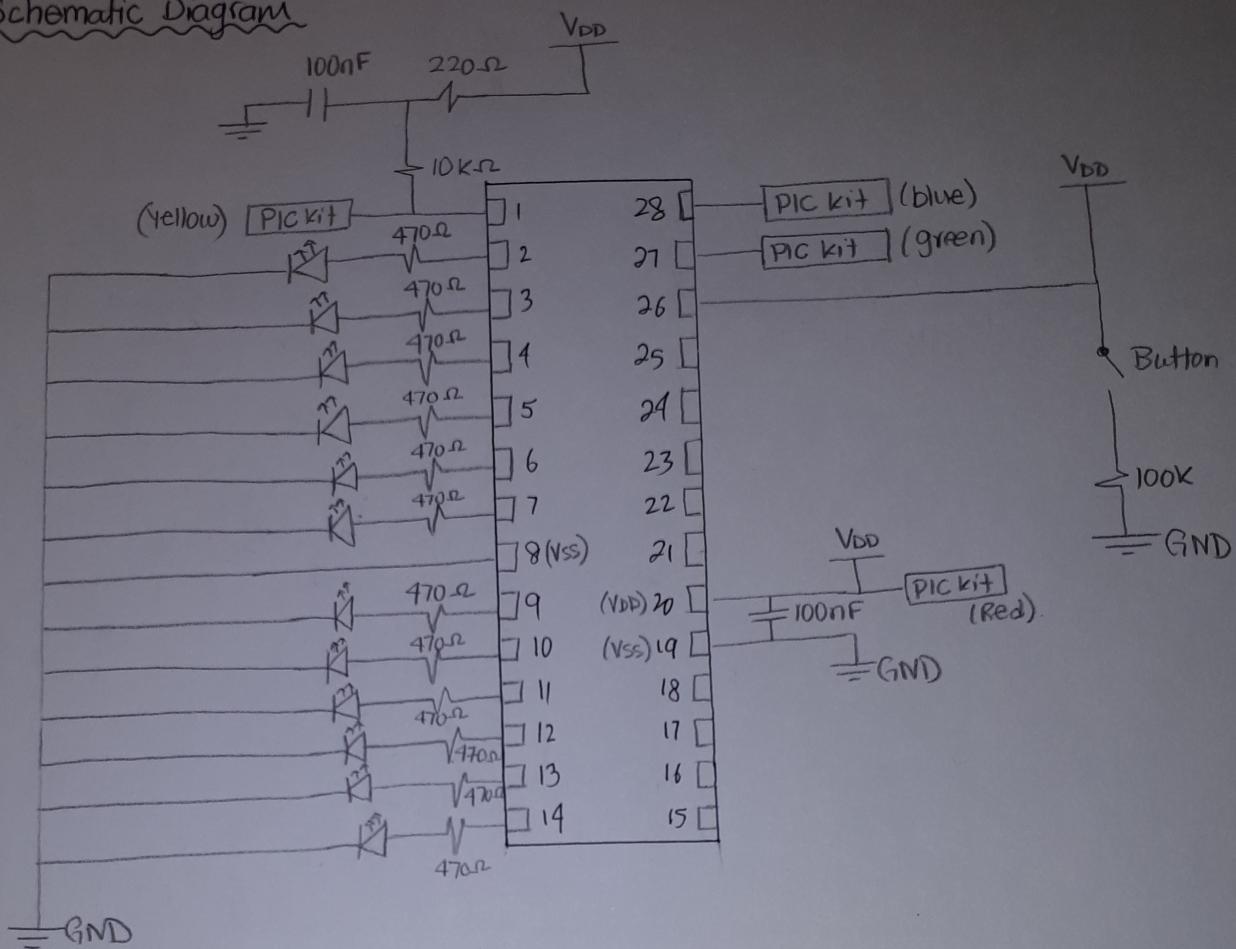


# PIC Activity 4

Nabiha Alam

## Schematic Diagram



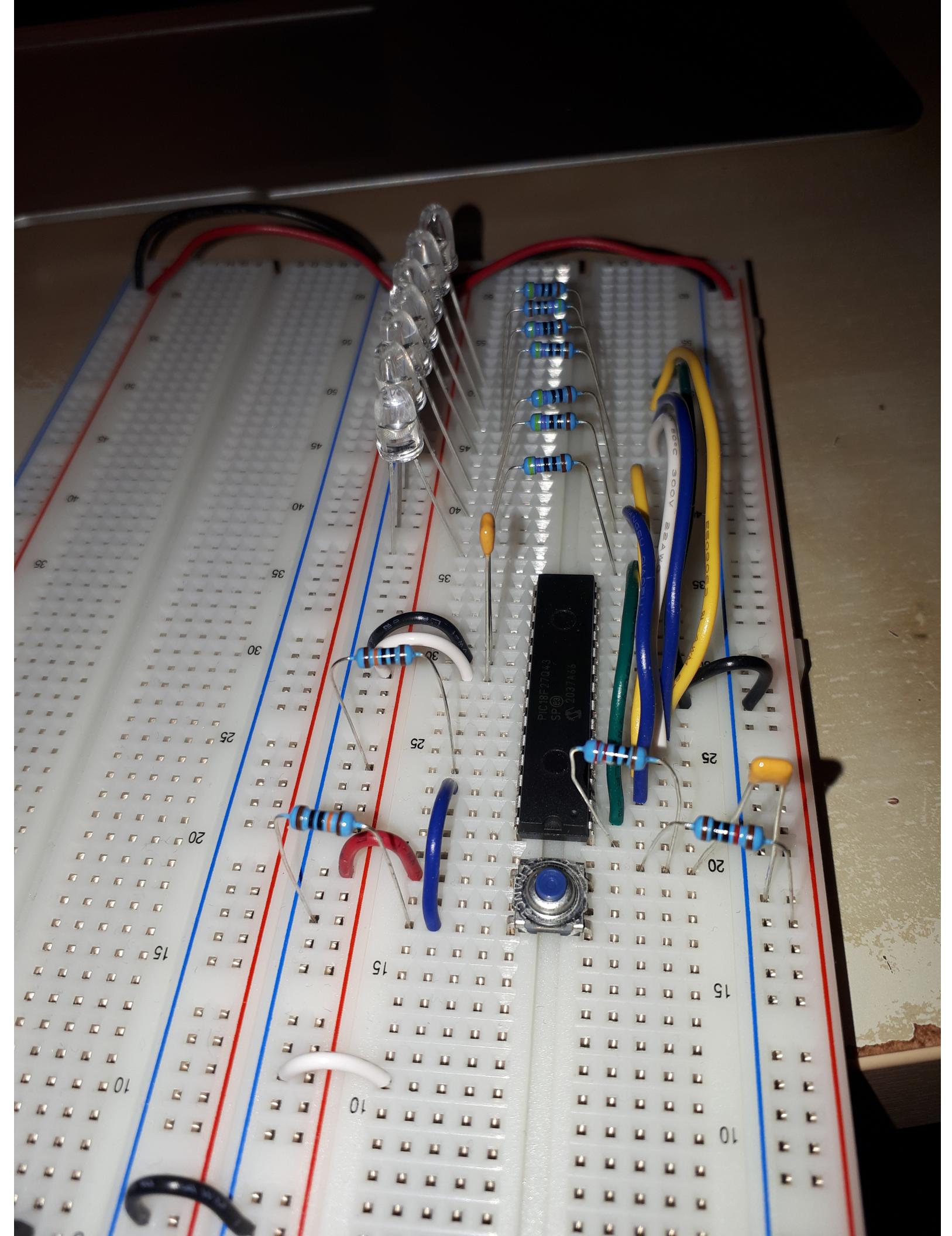
## Program Design:

### GPIO Setup:

Initialize the registers LATA, PORTA, TRISA, ANSELA,  
" " " " LATB, PORTB, TRISB, ANSELB,

### User App Run:

- Set counter to 0.
- Set a condition to restart when counting is done.
  - ↳ LATA = 0x00
  - ↳ LATA = 0x80
- Have to have first LED on, then:
  - ↳ increment, set counter to 1.
- If first LED is off then make counter to 0.



## Logic Used:

