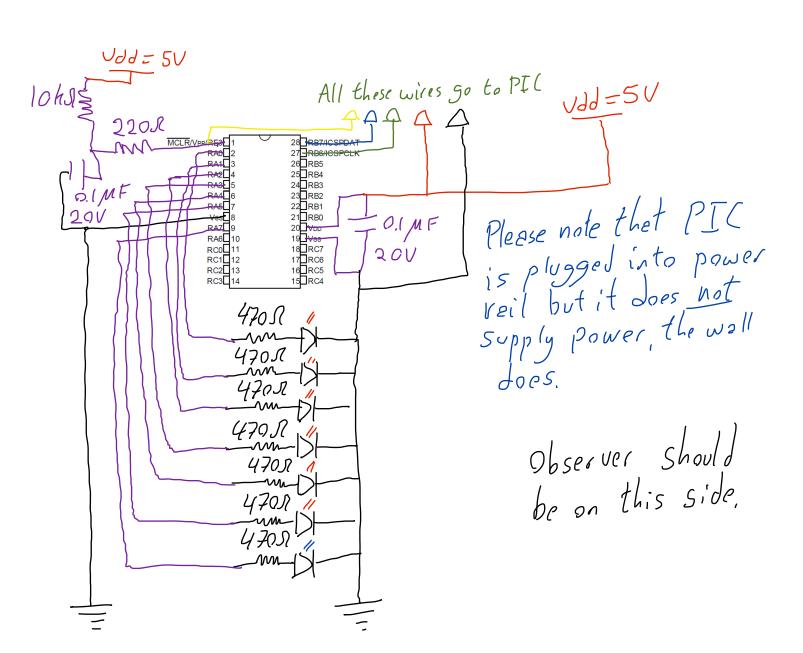
## PIC Activity 3 Circuit schematic



## PIC Activity 3 Progrem Design Chart.

First Initilize TRISA ANSELA & LATA CTRISA = 0x00; as for PIC activity 2.

Nothing has changed for

ANSELA = 0x00; These two.

LATA = 0x80; -D Need to feed LATA | 000000

binary value to make only pin RA7 output logic 1(5Volts)

Now consider main program. steps:

- O create counters for loops.
- (2) Make 2 primary "while loop Where LATA can be incremented upward from binary 10000000 ~010111111 So that the pins output logical 1's and 0's in 2 binary counting pattern
- 3 Make a second "while " loop inside the primary while loop to burn off some time between adding to
- (4) After LATA reaches 2 binary value, of 10111111 exit primery while loop, set LATA, bech to 1000000 using bitwise operation and let program run out.

## Basic Idea

Void User AppRun(void)

Creste two counters, one for each loop.

Creete an outer while loop that runs for 1111112 cycles.

LATAtti No just need to increment upward.

Create an inner while loop that

burns off about 250ms & In Machinity

two trying to use math

to find the correct number

to count to for the time

Jelan failed I will chart

Jeley failed. I will start

at one-million and then use

trial endervor.

Will need to reset inner loop counter here. use some method to reset LATA.

Cet program run out. "Main " will autometically run it again.