Micro Class
Test 3
12/08/2009

NAME_____

Create a program that will run a traffic light using six LEDs.

    A. The Traffic light should loop.

    B. 40 Sec for main Red, 10 Sec for Main Yellow, and 30 Sec for Main Green.

    C. Use the same timing for the side street light.

    D. Use a dip switch to change between two modes.

    E. 1st mode is the normal traffic light.

    F. 2nd mode is blinking light, Red for Side Street and yellow for Main Street.

    G. Use Port 8 for dip switch 1 and Port 9 for dip switch 2.

MAIN A

G Y R

R Y G

P3 P2 P1 P4
              P5
              P6

S
I
D
E

A