**Group B: Assignment 4**

**Led Blinking**

#include <PIC18F4520.h>

#pragma config OSC = HS

#pragma config WDT = OFF

#pragma config LVP = OFF

#pragma config PBADEN = OFF

void msdelay (unsigned int time);

void main()

{

INTCON2bits.RBPU=0;

ADCON1 = 0x0F;

TRISD = 0x00;

while (1)

{

PORTD = 0xFF;

msdelay(250);

PORTD = 0x00;

msdelay(250);

}

}

void msdelay (unsigned int time)

{

unsigned int i, j;

for (i = 0; i < time; i++)

for (j = 0; j < 710; j++);

}