#include <p18f4520.h> //Include Controller specific .h

//Configuration bit settings

#pragma config OSC = HS //Oscillator Selection

#pragma config WDT = OFF //Disable Watchdog timer

#pragma config LVP = OFF //Disable Low Voltage Programming

#pragma config PBADEN = OFF //Disable PORTB Analog inputs

//Function Prototypes

void msdelay (unsigned int time);//Function for delay

//Start of Program Code

void main()

{

INTCON2bits.RBPU=0;

ADCON1 = 0x0F; //To disable the all analog inputs

TRISD = 0x00; //To configure PORTD as output

while (1) //While loop for repeated operation

{

PORTD = 0xFF; //Turn ON the all LED�s

msdelay(2000); // Delay

PORTD = 0x00; //Turn OFF the all LED�s

msdelay(2000); // Delay

}

} //End of the Program

//Function Definition for delay degeneration

void msdelay (unsigned int time)

{

unsigned int i, j;

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

for (j = 0; j < 710; j++); //Calibrated for a 1 ms delay in MPLAB

}