#include <p18f4550.h>

#include “vector\_relocate.h”

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

void main() {

TRISD = 0x00; // Set PORTD as output for LEDs

PORTD = 0x00; // Initialize LEDs to OFF

while (1) {

PORTD = 0xFF; // Turn ON all LEDs

msdelay(500); // Delay for 500 ms

PORTD = 0x00; // Turn OFF all LEDs

msdelay(500); // Delay for 500 ms

}

}

void msdelay(unsigned int time) {

unsigned int i, j;

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

for (j = 0; j < 710; j++); // Calibrated for approximately 1 ms delay

}