#include <xc.h>

#define \_XTAL\_FREQ\_ 20000000

void main(void)

{

TRISC=0;//OUTPUT

//TRISD=1;//INPUT

TRISDbits.RD7=1;

TRISDbits.RD6=1;

LATCbits.LC0=1;//WARNING LAMP on

while(1)

{

if(PORTDbits.RD7==0)//SWITCH 1

{

LATCbits.LC0=0;//WARNING LAMP

LATCbits.LC1=1;//

//}

//else

//{

// LATCbits.LC0=1;//WARNING LAMP

//LATCbits.LC1=0;//

}

if(PORTDbits.RD6==0)//SWITCH 2

{

LATCbits.LC0=0;//WARNING LAMP

LATCbits.LC1=1;//MESSAGE PRESENT

}

else

{

LATCbits.LC0=1;//WARNING LAMP

LATCbits.LC1=0;//MESSAGE MISSING

}

}return;

}