#include <p18f4520.h>

#pragma config OSC = HS // High-speed oscillator

#pragma config WDT = OFF // Watchdog Timer disabled

#pragma config LVP = OFF // Low-voltage Programming disabled

#define mybit PORTCbits.RC1

#define mybit1 PORTCbits.RC2

#define mybit2 PORTCbits.RC3

void MyDelay(void) //Function for delay

{

int i,j;

for(j=0;j<100;j++)

{}

}

void main (void)

{

TRISD = 0x00; //Port configured as Output

TRISE=0x00;

TRISB=0x00;

TRISCbits.TRISC1=1;

TRISCbits.TRISC2=1;

TRISCbits.TRISC3=1;

while(1)

{

if(mybit==1 && mybit1==0 && mybit2==0)

{

PORTD = 0xFF;

PORTEbits.RE0=0;

PORTBbits.RB0=0;

}

else if(mybit==0 && mybit1==1 && mybit2==0)

{

PORTD = 0x00;

PORTEbits.RE0=1;

PORTBbits.RB0=0;

}

else if(mybit==0 && mybit1==0 && mybit2==1)

{

PORTD = 0x00;

PORTEbits.RE0=0;

PORTBbits.RB0=1;

}

else

{

PORTD = 0x00;

PORTEbits.RE0=0;

PORTBbits.RB0=0;

}

}

}