#include <mega164a.h>

// Declare your global variables here

int Q=0;

// Timer 0 overflow interrupt service routine

interrupt [TIM0\_OVF] void timer0\_ovf\_isr(void)

{

int tmp = PINA;

// Reinitialize Timer 0 value

TCNT0=0x4E;

// Place your code here

switch (Q)

{

case 0:

PORTC = 0x80 ;

if (tmp == 0x7F) Q=1; // Start Introducere Parola

break;

case 1:

if (tmp == 0xFE) Q=2;

else if (tmp == 0xEF)

Q=0;

break;

case 2:

if (tmp == 0xFD) Q=3;

else if (tmp == 0xEF)

Q=0;

break;

case 3:

if (tmp == 0xFB) Q=4;

else if (tmp == 0xEF)

Q=0;

break;

case 4:

if (tmp == 0xF7)Q=5;

else if (tmp == 0xEF)

Q=0;

break;

case 5:

if (tmp == 0xBF)

{ Q=6; // Confirmare Parola

PORTC = 0x01;

}

else if (tmp == 0xEF) Q=0;

break;

case 6:

if (tmp == 0xDF){ Q=0; // Blocare & Led-ul pt blocare

PORTC = 0x80;}

break;

}

}