u8 x=0;

u8 y=0;

u8 z=1;

u8 volatile Flag=0;

u16 A=0;

int main(void)

{

port\_init();

lcd\_init();

ADC\_init();

EXI\_Init();

MCUCR=0x0E;

GICR=0b11000000;

sei();

while(1){

if(Flag==0){

A=ADC\_Read(CH\_6);

lcd\_gotoXY(0,0);

lcd\_DisplayString("volt=");

lcd\_DisplayCharacter(' ');

lcd\_DisplayCharacter(' ');

lcd\_displayNumber(A);

lcd\_DisplayCharacter(' ');

lcd\_DisplayCharacter('V');

lcd\_DisplayCharacter(' ');

}

if(Flag==1){

A=ADC\_Read(CH\_6);

lcd\_gotoXY(x,y);

lcd\_DisplayString("volt=");

lcd\_displayNumber(0);

lcd\_DisplayCharacter('.');

lcd\_displayNumber(A);

lcd\_DisplayCharacter(' ');

lcd\_DisplayCharacter('m');

lcd\_DisplayCharacter('V');

}

}

}

ISR(INT0\_vect)

{

if (Flag==0)

{

Flag=1;

}

if (Flag==1)

{

Flag=0;}}