#define *F\_CPU* 16000000UL

#include <avr/io.h>

#include <util/delay.h>

int main(void)

{

DDRA = 0X0F;

int period = 2;

while(1)

{

for(int i=0;i<50;i++)

{

PORTA = 0X09;

*\_delay\_ms*(period);

PORTA = 0X08;

*\_delay\_ms*(period);

PORTA = 0X0C;

*\_delay\_ms*(period);

PORTA = 0X06;

*\_delay\_ms*(period);

PORTA = 0X04;

*\_delay\_ms*(period);

PORTA = 0X02;

*\_delay\_ms*(period);

PORTA = 0X03;

*\_delay\_ms*(period);

PORTA = 0X01;

*\_delay\_ms*(period);

}

PORTA = 0X09;

*\_delay\_ms*(period);

*\_delay\_ms*(1000);

for(int i=0;i<50;i++)

{

PORTA = 0X01;

*\_delay\_ms*(period);

PORTA = 0X03;

*\_delay\_ms*(period);

PORTA = 0X02;

*\_delay\_ms*(period);

PORTA = 0X04;

*\_delay\_ms*(period);

PORTA = 0X06;

*\_delay\_ms*(period);

PORTA = 0X0C;

*\_delay\_ms*(period);

PORTA = 0X08;

*\_delay\_ms*(period);

PORTA = 0X09;

*\_delay\_ms*(period);

}

}

}