#ifndef F\_CPU

#define F\_CPU 16000000UL

#endif

#include<avr/io.h>

#ifndef F\_CPU

#define F\_CPU 16000000UL

#endif

#include<avr/io.h>

#include<util/delay.h>

int main(void)

{

DDRC|=(1<<PC0);

DDRA&=~(1<<PA0);

DDRB&=~(1<<PB0);

TCCR1A|=(1<<COM1A1)|(1<<COM1B1)|(1<<WGM11);

TCCR1B|=(1<<WGM13)|(1<<WGM12)|(1<<CS11)|(1<<CS10);

ICR1=4999;

DDRD|=(1<<PD5);

while(1)

{

if((PINA&(1<<PA0))==0)

{

OCR1A=97;

\_delay\_ms(500);

OCR1A=280;

\_delay\_ms(500);

}

if((PINB&(1<<PB0))==0)

{

OCR1A=535;

\_delay\_ms(500);

}

}

}