#include<avr/io.h>

#define F\_CPU 16000000UL

#include<util/delay.h>

int main()

{

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

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

ICR1=4999;

DDRD|=(1<<PD5);

while(1)

{

OCR1A=97;

\_delay\_ms(500);

OCR1A=280;

\_delay\_ms(500);

OCR1A=535;

\_delay\_ms(500);

}

}