#include <avr/io.h>

#define *F\_CPU* 160000000UL

#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);

DDRB = 0X00;

while(1)

{

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

OCR1A=97;

*\_delay\_ms*(500);

OCR1A=280;

*\_delay\_ms*(500);

OCR1A=535;

*\_delay\_ms*(500);

}