#define *F\_CPU* 8000000UL

#include<avr/io.h>

#include<util/delay.h>

void PWM\_int()

{

TCCR0 = (1<<WGM00)|(1<<WGM01)|(1<<COM01)|(1<<CS00);

DDRB = (1<<PB3);

}

int main()

{

unsigned char duty;

PWM\_int();

while(1)

{

for(duty=0;duty<255;duty++)

{

OCR0 = duty;

*\_delay\_ms*(8);

}

for(duty=255;duty>1;duty--)

{

OCR0 = duty;

*\_delay\_ms*(8);

}

}

}