实验6-任务2

**#include** "msp430.h"

**const** **char** sccr0[21]={250,222,198,187,166,148,132,124,111,98,93,83,73,65,62,55,49,46,41,36,32};

**const** **char** sccr1[21]={25,22,19,18,16,14,13,12,11,9,9,8,7,6,6,5,4,4,4,3,3};

**int** **main** ( **void** )

{ WDTCTL = WDTPW + WDTHOLD;

**unsigned** **int** i;

P2SEL |=BIT1;

P2SEL2 &=~BIT1;

P2DIR |=BIT1;

TA1CTL |=TASSEL0;

TA1CTL |=TACLR+MC0;

TA1CCTL1=OUTMOD\_2;

TA1CCR0=250;

TA1CCR1=25;

**while**(1){

**for**(i=0;i<21;i++){

TA1CCR0=sccr0[i];

TA1CCR1=sccr1[i];

**\_\_delay\_cycles**(500000);

TA1CCR0=32767;

TA1CCR1=32767;

**\_\_delay\_cycles**(80000);

}

}

}