**#include**<lpc21xx.h>

**void** lcdcmd(**unsigned** **int** cmd);

**void** lcddata(**unsigned** **int** data);

**void** delay(**unsigned** **int** itime);

**int** main()

{

\*PINSEL0=0X00000000;

\*PINSEL1=0X00000000;

\*PINSEL2=0X00000000;

\*IODIR0=0X20000400;

\*IODIR1=0X02FF0000;

\*IOCLR0=0X00000400;

lcdcmd(0x38);

delay(100);

lcdcmd(0x06);

delay(100);

lcdcmd(0x01);

delay(100);

lcdcmd(0x0e);

delay(100);

lcdcmd(0x80);

delay(100);

**unsigned** **char** array[]="SKNCOE PUNE";

**unsigned** **int** i=0;

**for**(i=0;i<6;i++)

{

lcddata(array[i]);

delay(1000);

}

lcdcmd(0xc0);

delay(100);

**for**(i=7;i<11;i++)

{

lcddata(array[i]);

delay(1000);

}

**return** 0;

}

**void** delay(**unsigned** **int** itime)

{

**int** i,j;

**for**(i=0;i<itime;i++)

**for**(j=0;j<200;j++);

}

**void** lcdcmd(**unsigned** **int** cmd )

{

\*IOCLR1=0X00FF0000;

cmd=cmd<<16;

\*IOSET1=cmd;

\*IOCLR1=0X02000000;

\*IOSET0=0X20000000;

delay(100);

\*IOCLR0=0X20000000;

}

**void** lcddata(**unsigned** **int** data )

{

\*IOCLR1=0X00FF0000;

data=data<<16;

\*IOSET1=data;

\*IOCLR1=0X02000000;

\*IOSET0=0X20000000;

delay(100);

\*IOCLR0=0X20000000;

}