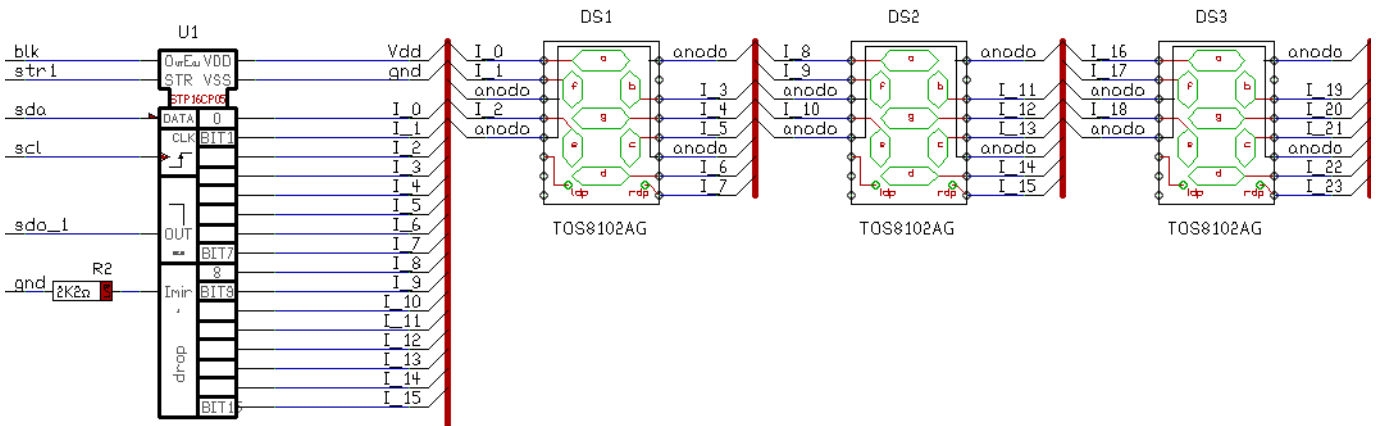# SATURNAL

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Help file for SIPO – LCD assignment

I must write code for microcontroller to drive 3 segment lcd.
The picture down it's one example of this application

Run the program SR_LCD.EXE

Select GB language press I

If you want abort press ESC

Assign number of SIPO bit to
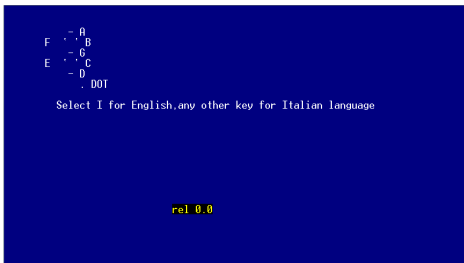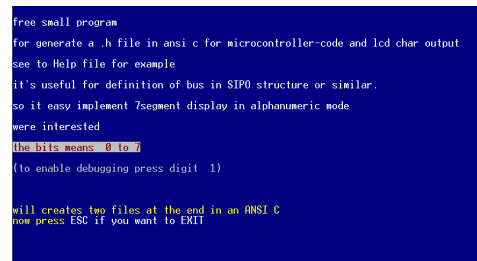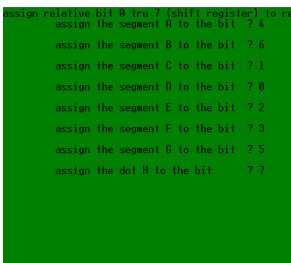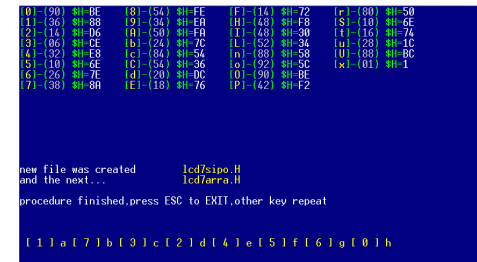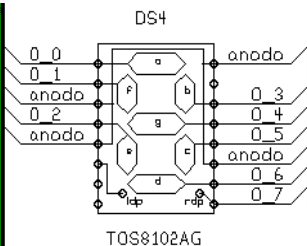

Process input and create 2 files

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completed assignment to two files are generated, they are :

LCD7ARRA.H   **LCD7SIPO.H**

```
/*
**      Marchi Giorgio Saturnal 2008
**      Array Table
**
**      uso alternativo con array monodimensionale
**      30 aprile 2008
**
*/


//
_0,_1,_2,_3,_4,_5,_6,_7,_8,_9,_A,_b,_c,_C,_d,_E,_F,_H,
_I,_L,_n,_o,_O,_P,_r,_S,_t,_u,_U,_x,
//
BE,88,D6,CE,E8,6E,7E,8A,FE,EA,FA,7C,54,36,DC,76,72,F8,
30,34,58,5C,BE,F2,50,6E,74,1C,BC,01,
    const unsigned char x[30]={
                            0xBE,
                            0x88,
                            0xD6,
                            0xCE,
                            0xE8,
                            0x6E,
                            0x7E,
                            0x8A,
                            0xFE,
                            0xEA,
                            0xFA,
                            0x7C,
                            0x54,
                            0x36,
                            0xDC,
                            0x76,
                            0x72,
                            0xF8,
                            0x30,
                            0x34,
                            0x58,
                            0x5C,
                            0xBE,
                            0xF2,
                            0x50,
                            0x6E,
                            0x74,
                            0x1C,
                            0xBC,
                            0x01,
                            };
```

```
/*
**      Marchi Giorgio Saturnal 2008
**      define Table
**
**      processo direttamente ogni chiamata
**      30 aprile 2008
**
*/


#define   _0   0xBE
#define   _1   0x88
#define   _2   0xD6
#define   _3   0xCE
#define   _4   0xE8
#define   _5   0x6E
#define   _6   0x7E
#define   _7   0x8A
#define   _8   0xFE
#define   _9   0xEA
#define   _A   0xFA
#define   _b   0x7C
#define   _c   0x54
#define   _C   0x36
#define   _d   0xDC
#define   _E   0x76
#define   _F   0x72
#define   _H   0xF8
#define   _I   0x30
#define   _L   0x34
#define   _n   0x58
#define   _o   0x5C
#define   _O   0xBE
#define   _P   0xF2
#define   _r   0x50
#define   _S   0x6E
#define   _t   0x74
#define   _u   0x1C
#define   _U   0xBC
#define   _x   0x01
```

Include now one of this files in your project for drive one or more 7segLCD
Good work, Giorgio