E:/EMBEDDED/LEDBLINK/MASTER.X/LCD.h

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*/
* File:
* Author: velmurugan
* Comments:
* Revision history:
// This is a guard condition so that contents of this file are not included
// more than once.
#ifndef LCD H
#defineLCD H
void Lcd Data(unsigned char); //Sending data to the LCD
void Lcd Cmd(unsigned char); //Sending command to the LCD
while(*x){
     Lcd Data(*x);
      x++;
//initial Configuration
void Lcd Configuration()
   TRISD=0 \times 00;
   PORTD=0 \times 00;
   TRISC=(TRISC&0x3F);
   //Lcd Configuration
   Lcd Cmd(0x0C); //Display on cursor off
   __delay_ms(10);
   Lcd_Cmd(0x01); //clear the display;
     delay ms(10);
```

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Lcd\_Cmd(0x38); //Selecting 5X7 dots
    __delay_ms(10);
    Lcd\_Cmd(0x06); //Cursor Auto move
    __delay_ms(10);
   Lcd\_Cmd(0x81); //Selecting the first row
    __delay_ms(10);
//Write the Data to the LCD by character by character
void Lcd_Data(unsigned char data) {
   //enable bit RC7
   //RS bit RC6;
   PORTD = data; //Load the register with character
    PORTC \mid = 0x40;
    PORTC |= 0x80;
    PORTC &= \sim 0 \times 80;
    __delay_ms(10);
//Sending the Instruction to the LCD
void Lcd_Cmd(unsigned char cmd) {
    PORTD = cmd; //Load the register with character
    PORTC &= \sim 0 \times 40;
    PORTC \mid = 0x80;
    PORTC &= \sim 0 \times 80;
    __delay_ms(10);
#ifdef__cplusplus
extern "C" {
#endif /* __cplusplus */
    // TODO If C++ is being used, regular C code needs function names to have C
    // linkage so the functions can be used by the c code.
#ifdef cplusplus
#endif /* __cplusplus */
#endif/* XC HEADER TEMPLATE H */
```

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