

LCD Display Source Code

```
#include <18f452.h>
#include HIGH_INTS=TRUE
#include HS,NOLVP,NOWDT, PUT, NOPROTECT
#include <ds1631.c>
#include <lcd.c>

void main(void) {
    float value;
    char str[6];
    int q;

    init_temp();
    lcd_init();

    //set high
    output_high(PIN_A1);

    value = read_full_temp();

    value /= 100;

    sprintf(str, "%f\0", value);

    for(q=0; str[q] != '\0'; ++q){
        lcd_putc(str[q]);
    }
    //set low
    output_low(PIN_A1);
}
```