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ÇITAK

```c
#include <16f877a.h>
#device ADC = 10
#fuses XT, NOWDT, NOPROTECT
#use delay(clock = 4000000)
#use fast_io(a)
#define use_portb_lcd TRUE
#include <lcd.c>
float voltaj, sicaklik, sicaklik1;
unsigned long int bilgi;
void main() {
  set_tris_a(0xFF);
  set_tris_b(0x00);
  set_tris_d(0x80);
  setup_adc(adc_clock_div_32);
  setup_adc_ports(AN0);
  lcd_init();
  set_adc_channel(0);
  delay_us(20);
  delay_ms(700);
  while(1) {
    bilgi = read_adc();
    voltaj = (0.0048828125 * bilgi);
```

```c
sicaklik = (voltaj · 100);
if (sicaklik != sicaklik1){
printf (lcd_putc, "\f Sicaklik = ");
printf (lcd_putc, "%of 'C", sicaklik);
delay_ms(100);
if (22 < sicaklik 88 sicaklik < 25){
printf (lcd_putc, "\n 1. kademe Sogutma")
output_high (pin_D1);
Output_low (pin_D2);
Output_low (pin_D3);
delay_ms (100); }
if (25 < sicaklik 88 sicaklik < 28){
printf (lcd_putc, "\n 2. kademe sogutma");
output_high (pin_D2);
Output_low (pin_D1);
Output_low (pin_D3);
delay_ms (100); }
if (28 < sicaklik && sicaklik < 31){
printf (lcd_putc, "\n 3. kademe Sogutma");
output_hig (pin_D3);
Output_low (pin_D2);
Output_low (pin_D1);
delay_ms (100); }}   sicaklik1 = sicaklik; }}
```