

LAMPIRAN

LAMPIRAN 1

```
#define BLYNK_TEMPLATE_ID "TMPLgjqbZyeH"
```

```
#define BLYNK_DEVICE_NAME "SuhuTemp"
```

```
#include <Blynk.h>
```

```
#define BLYNK_PRINT Serial
```

```
#include <ESP8266WiFi.h>
```

```
#include <BlynkSimpleEsp8266.h>
```

```
#include "DHT.h"
```

```
#include <LiquidCrystal_I2C.h>
```

```
#define DHTTYPE DHT11
```

```
#define dht_pin D4
```

```
DHT dht(dht_pin,DHTTYPE);
```

```
LiquidCrystal_I2C lcd(0x27, 16, 2);
```

```
int lampu=D6;
```

```
int kabut=D7;
```

```
void setup() {
```

```
    pinMode(lampu,OUTPUT);
```

```
    pinMode(kabut,OUTPUT);
```

```
    Serial.begin(9600);
```

```
    dht.begin();
```

```
    Blynk.begin(auth,ssid,pass)
```

```

void loop() {
  // int readData = DHT.read22(dataPin); //
  float s = dht.readTemperature();
  float h = dht.readHumidity();

  if (isnan(s) || isnan(h)) {
    Serial.println("Periksa konfigurasi pin/kabelnya");
    Serial.println("Sensor tidak terbaca");
    return;
  }
  if (s >= 20.00 && s <= 26.00) {
    digitalWrite(lampu, LOW); // eksekusi
  } else {
    digitalWrite(lampu, HIGH);
  }
  if (s >= 30.00 && s <= 35.00) {
    digitalWrite(kabut, LOW); // eksekusi
  }

  Serial.print("Suhu :");
  Serial.print(s);
  Serial.print("Kelembaban :");
  Serial.print(h);
  Serial.print("\n");
  Blynk.virtualWrite(V0, s);
  Blynk.virtualWrite(V1, h);
  lcd.setCursor(5, 0);
  lcd.print(s);
}

```

