

CODING PROGRAM ARDUINO ALAT PENGADUK LEMPOK DURIAN

```
#define BLYNK_AUTH_TOKEN      "TgNms-EgTc_t0QvwPYeC1t8tLe34qqIc"
#define BLYNK_PRINT Serial
#include <ESP8266WiFi.h>
#include <BlynkSimpleEsp8266.h>
char auth[] = BLYNK_AUTH_TOKEN;
char ssid[] = "dodol";
char pass[] = "qwerty1234";
BlynkTimer timer;
int runing;
int count;
int detik;
// PIN TOMBOL
BLYNK_WRITE(V0)
{
int value = param.asInt();
if (value == 1) { // ketika on, maka time jalan.....
Serial.println("mesin on");
runing=1;
digitalWrite(D1,LOW);
}
if (value == 0){
Serial.println("mesin off");
digitalWrite(D1,HIGH);
digitalWrite(D6,HIGH);
}
}
int detik_set;
//INPUT DETIK SET
BLYNK_WRITE(V1)
{
detik_set = param.asInt();
}
int detik_run;
void myTimerEvent()
{
Blynk.virtualWrite(V4, millis() / 1000);
if(runing==1) count=count+1;
if(count>=60){count=0;detik_run++;}
```

```
Serial.println("count="+String( count));

Serial.println("detik="+String( detik_run));

//monitor runing
Blynk.virtualWrite(V2,count);
Blynk.virtualWrite(V5, detik_run);
if(detik_run>=detik_set)
{
Serial.println("mesin off");
digitalWrite(D1,HIGH);
digitalWrite(D6,HIGH);
}
}
void setup()
{
pinMode(D1,OUTPUT);
digitalWrite(D1,HIGH);
Serial.begin(115200);
Blynk.begin(auth, ssid, pass);
timer.setInterval(1000L, myTimerEvent);
}
void loop()
{
Blynk.run();
timer.run();
}
```