#include <dht.h>

dht DHT;

#define DHT11\_PIN 7

int output\_value ;

int output\_value1;

int sensor\_pin=A0;

#define relay 9

void setup(){

Serial.begin(9600);

Serial.println("Reading From the Sensor ...");

pinMode(relay, OUTPUT);

digitalWrite(relay,HIGH);

delay(2000);

}

void loop()

{

output\_value= analogRead(sensor\_pin);

output\_value1 = map(output\_value,0,1023,0,100);

Serial.print("Mositure : ");

Serial.println(output\_value1);

Serial.println("%");

int chk = DHT.read11(DHT11\_PIN);

Serial.print("Temperature = ");

Serial.println(DHT.temperature);

Serial.print("Humidity = ");

Serial.println(DHT.humidity);

delay(2000);

if(output\_value < 500)

{

digitalWrite(relay, LOW);

}

else if(output\_value > 500)

{

digitalWrite(relay, HIGH);

}

}