

```
#include "DHT.h"

#define DHTPIN 2

#define DHTTYPE DHT11

DHT dht(DHTPIN, DHTTYPE);

int SM = A0;

#define Motor 4

void setup() {

    // put your setup code here, to run once:

    pinMode(A0,INPUT);

    pinMode(4,OUTPUT);

    pinMode(5,OUTPUT);

    Serial.begin(9600);

    dht.begin();

}
```

```
void loop() {

    // put your main code here, to run repeatedly:

    int chk = dht.read(DHTPIN);

    int chkh = dht.readHumidity();

    delay(2000);

    SM = analogRead(A0);

    Serial.print(SM);

    Serial.print("\t");

    Serial.print(chkh);

    Serial.println();

    if(SM>975&&chkh<75){

        digitalWrite(4,HIGH);

        digitalWrite(5,HIGH);

    }
```

```
}else if(SM>975&&chkh>76){  
    digitalWrite(4,LOW);  
    digitalWrite(5,LOW);  
}  
else{  
    digitalWrite(4,LOW);  
    digitalWrite(5,LOW);  
  
}  
}
```