|  |  |  |
| --- | --- | --- |
|  | Void setup() | |
|  |  | { | |
|  |  | Serial.begin(9600); | |
|  |  | } | |
|  |  | void loop() | |
|  |  | { | |
|  |  | double a =analogRead(A0); | |
|  |  | double c =(((a/1024)\*5)-0.5)\*100; | |
|  |  | Serial.print("celsius value:"); | |
|  |  | Serial.println(c); | |
|  |  | delay(1000); | |
|  |  | } | |
|  |  | { | |
|  |  |  | |
|  |  |  | |
|  |  | Seriai.begin(9600); | |
|  |  | pinMode(13,OUTPUT); | |
|  |  | } | |
|  |  |  | |
|  |  | { | |
|  |  | double a =analogRead(A0); | |
|  |  | double c =(((a/1024)\*5)-0.5)\*100; | |
|  |  | Serial.print("celsius value:"); | |
|  |  | Serial.println(c); | |
|  |  | delay(1000); | |
|  |  |  | |
|  |  | if (c>50) | |
|  |  | digitalWrite (13,HIGH); | |
|  |  | else | |
|  |  | digitalWrite (13,LOW); | |
|  |  | } | |
|  |  |  | |
|  |  | { | |
|  |  | pinMode(4,INPUT); | |
|  |  | Serial.begin(9600); | |
|  |  | } | |
|  |  |  | |
|  |  | { | |
|  |  | int p =digitalRead(4); | |
|  |  | if (p==1) { | |
|  |  | digitalWrite(13,HIGH); | |
|  |  | Serial.println("Motion detected!"); | |
|  |  | delay(1000); | |
|  |  | } | |
|  |  | else{ | |
|  |  | digitalWrite(13,LOW); | |
|  |  | Serial.println("motion not detected"); | |
|  |  | delay (1000); | |
|  |  | } | |
|  |  | #include<Servo.h> | |
|  |  | Servo s; | |
|  |  | void setup() | |
|  |  | { | |
|  |  | s.attach(3); | |
|  |  | } | |
|  |  | void loop() | |
|  |  | { | |
|  |  | S.write(0); | |
|  |  | delay (1000); | |
|  |  | S.write(30); | |
|  |  | delay(1000); | |
|  |  | S.write(70); | |
|  |  | delay(1000); | |
|  |  | S.write(130); | |
|  |  | delay(1000); | |
|  |  | S.write(180); | |
|  |  | delay(1000); | |
|  |  | } | |
|  |  | void setup() | |
|  |  | { | |
|  |  | pinMode(12,OUTPUT); | |
|  |  | } | |
|  |  | void ioop() | |
|  |  | { | |
|  |  | tone(12,20); | |
|  |  | delay | |
|  |  | } | |