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| --- |
| // C++ code |
|  | // |
|  | void setup() |
|  | { |
|  |  |
|  | pinMode(2,INPUT); |
|  | Serial.begin(9600); |
|  | pinMode(7,OUTPUT); |
|  | pinMode(13,OUTPUT); |
|  | pinMode(12,OUTPUT); |
|  | Serial.begin(9600); |
|  | } |
|  |  |
|  | void loop() |
|  | { |
|  | int p=digitalRead(2); |
|  | Serial.print("motion:"); |
|  | Serial.println(p); |
|  | double a=analogRead(A2); |
|  | Serial.print("analogData:"); |
|  | Serial.println(a); |
|  | double n=a/1024; |
|  | double v=n\*5; |
|  | Serial.print("voltage data"); |
|  | Serial.println(v); |
|  | double k=v-0.5; |
|  | double c=v\*100; |
|  | Serial.println ("temperature value"); |
|  | Serial.println(c); |
|  | delay(1000); |
|  | tone(7,220,100); |
|  | delay(350); |
|  | digitalWrite(13,HIGH); |
|  | Serial.println("13LED-ON"); |
|  | delay(1000); |
|  | digitalWrite(13,LOW); |
|  | Serial.println("13LED-OFF"); |
|  | delay(1000); |
|  | digitalWrite(12,HIGH); |
|  | Serial.println("12LED-ON"); |
|  | delay(1000); |
|  | digitalWrite(12,LOW); |
|  | Serial.println("LED-OFF"); |
|  | delay(1000); |
|  | } |
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