|  |
| --- |
| long duration; |
|  | void setup() |
|  | { |
|  | pinMode(10,OUTPUT); |
|  | pinMode(3,OUTPUT); |
|  | pinMode(11,INPUT); |
|  | Serial.begin(9600); |
|  | } |
|  | void loop() |
|  | { |
|  | digitalWrite(10,LOW); |
|  | delayMicroseconds(2); |
|  | digitalWrite(10,HIGH); |
|  | delayMicroseconds(10); |
|  | digitalWrite(10,LOW); |
|  | duration=pulseIn(11,HIGH); |
|  | long dist=(duration\*0.034)/2; |
|  | Serial.println(dist); |
|  | analogWrite(3,dist); |
|  |  |
|  | } |