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| |  |  | | --- | --- | |  | {\\*\generator Riched20 10.0.18362}\viewkind4\uc1 | |  | \pard\sa200\sl276\slmult1\f0\fs22\lang9 int t=2;\par | |  | int e=3;\par | |  | void setup()\par | |  | \{\par | |  | Serial.begin(9600);\par | |  | pinMode(t,OUTPUT);\par | |  | pinMode(e,INPUT);\par | |  | pinMode(4,INPUT);\par | |  | pinMode(13,OUTPUT);\par | |  | \}\par | |  | void loop()\par | |  | \{\par | |  | digitalWrite(t,LOW);\par | |  | digitalWrite(t,HIGH);\par | |  | delayMicroseconds(1000);\par | |  | digitalWrite(t,LOW);\par | |  | float dur=pulseIn(e,HIGH);\par | |  | float dis=(dur\*0.0343)/2;\par | |  | if(dis<=200)\{\par | |  | Serial.print("Door Open");\par | |  | delay(1000);\par | |  | \}\par | |  | int p=digitalRead(4);\par | |  | if(p==1)\par | |  | \{\par | |  | digitalWrite(13,HIGH);\par | |  | Serial.println("Motion detected");\par | |  | delay(100);\par | |  | \}\par | |  | else\par | |  | \{\par | |  | digitalWrite(13,LOW);\par | |  | Serial.println("Motion not detected");\par | |  | delay(1000);\par | |  | \}\par | |  | \}\par | |  | } |   // C++ code  //  void setup()  { | \{\par |
| |  | | --- | | digitalWrite(13,LOW);\par | | Serial.println("Motion not detected");\par | | delay(1000);\par | | \}\par | | \}\par | | } | |  |