|  |
| --- |
| //Obstacle Detector And Distance Measuring Device |
|  | const int trig = 10; |
|  | const int echo = 9; |
|  | long duration; |
|  | int distance; |
|  |  |
|  | void setup() |
|  | { |
|  | pinMode(trig, OUTPUT); |
|  | pinMode(echo, INPUT); |
|  | Serial.begin(9600); |
|  | } |
|  |  |
|  | void loop() |
|  | { |
|  | digitalWrite(trig, LOW); |
|  | delayMicroseconds(2); |
|  |  |
|  | digitalWrite(trig, HIGH); |
|  | delayMicroseconds(10); |
|  | digitalWrite(trig, LOW); |
|  |  |
|  | duration= pulseIn(echo, HIGH); |
|  | distance= duration\*0.034/2; |
|  |  |
|  | Serial.print("Distance: "); |
|  | Serial.println(distance); |
|  | } |
|  | //Name – Rishank Mehrotra |
|  | //UID - 19BCS3573 |