

Circuit design Exquisite Jaiks | Tinkercad (1) WhatsApp

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Exquisite Jaiks

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Code Start Simulation Send To

Blocks + Text

Output Input Notation Control Math Variables

set built-in LED to HIGH

set pin 0 to HIGH

set pin 3 to 0

rotate servo on pin 0 to 0 degrees

Serial Monitor

98 98 98 98 98 98 98

set dis to read ultrasonic distance sensor on trigger pin A0 echo pin same as trigger

print to serial monitor dis with newline

if dis < 100 then

set pin 12 to HIGH

else

set pin 12 to LOW

1 // C++ code

2 //

3 int dis = 0;

4

5 long readUltrasonicDistance(int triggerPin, int echoPin)

6 {

7 pinMode(triggerPin, OUTPUT); // Clear the trigger

8 digitalWrite(triggerPin, LOW);

9 delayMicroseconds(2);

10 // Sets the trigger pin to HIGH state for 10 micro

11 digitalWrite(triggerPin, HIGH);

12 delayMicroseconds(10);

13 digitalWrite(triggerPin, LOW);

14 pinMode(echoPin, INPUT);

15 // Reads the echo pin, and returns the sound wave

16 return pulseIn(echoPin, HIGH);

17

Send Clear

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