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Ultrasonic Simple
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Prints the distance read by an ultrasonic sensor in
centimeters. They are supported to four pins ultrasound
sensors (like HC-SC04) and three pins (like PING)))
and Seeed Studio sensors).
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The circuit:
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* * Module HR-SC04 (four pins) or PING))) (and other with
three pins), attached to digital pins as follows:
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```
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| HC-SC04 | Arduino |   | 3 pins | Arduino |
-----
| Vcc | 5V |   | Vcc | 5V |
| Trig | 12 | OR | SIG | 13 |
| Echo | 13 |   | Gnd | GND |
| Gnd | GND | -----
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```
#include "Ultrasonic.h"
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```
Pass as a parameter the trigger and echo pin, respectively,
or only the signal pin (for sensors 3 pins), like:
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```
Ultrasonic ultrasonic(13);
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```
Ultrasonic ultrasonic(12, 13);
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```
int distance;
```

```
void setup() {  
  Serial.begin(9600);  
}  
  
void loop() {  
  // Pass INC as a parameter to get the distance in inches  
  
  distance = ultrasonic.read(CM);  
  
  Serial.print("Distance in CM: ");  
  Serial.println(distance);  
  
  distance = ultrasonic.read(INC);  
  
  Serial.print("Distance in Inches: ");  
  Serial.println(distance);  
  
  delay(1000);  
}
```