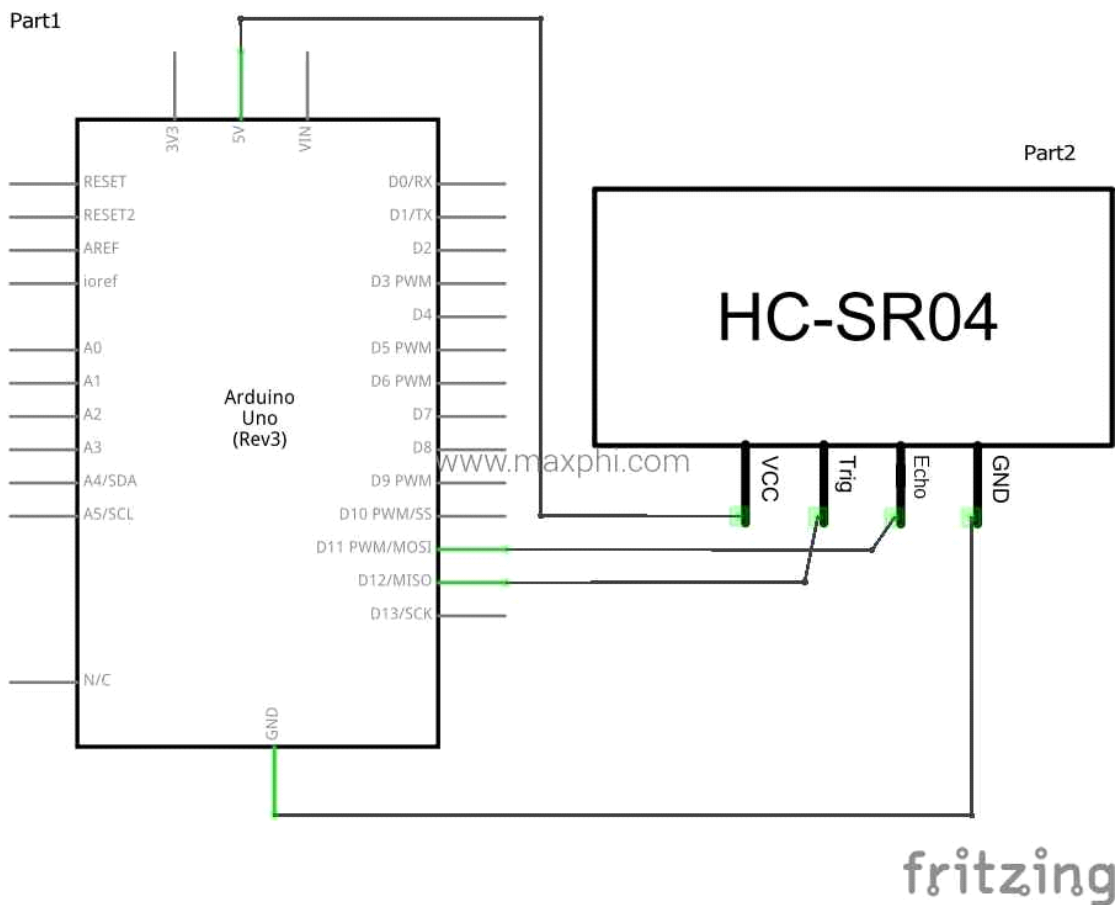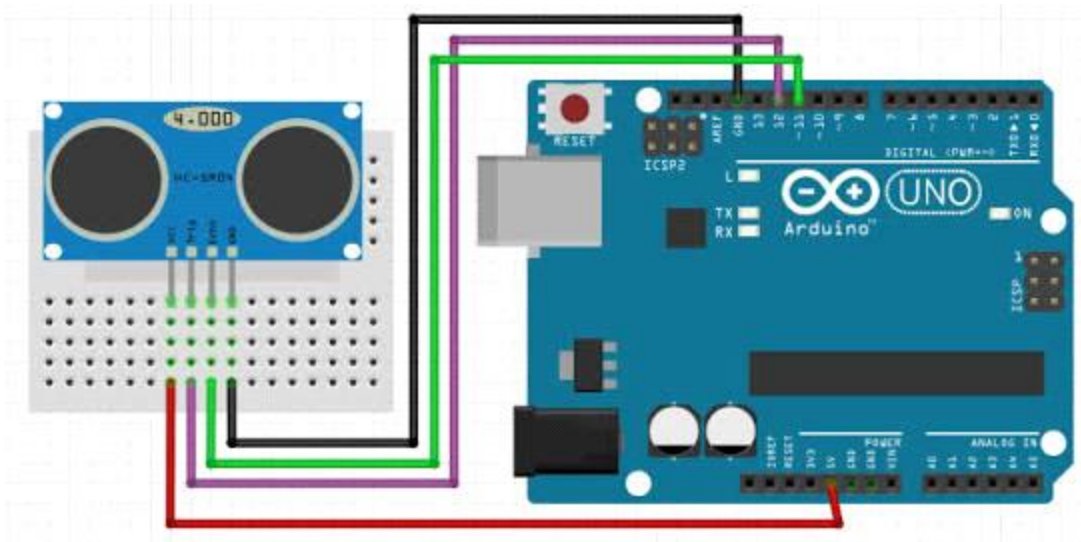# Ultrasonic Sensor (distance sensor)

schematic :

On Arduino :

code :


```
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e14_Ultrasonic §

#include "Ultrasonic.h"

Ultrasonic ultrasonic(11,12);//(Trig,Echo)

void setup() {
  Serial.begin(9600);
}

void loop()
{
  //output the distance in cm
  Serial.println(ultrasonic.Ranging(CM));
  delay(100);
}
```