float time,distance;

void setup()

{

pinMode(3,INPUT);

pinMode(6,OUTPUT);

Serial.begin(9600);

}

void loop()

{

digitalWrite(6,LOW);

delayMicroseconds(10);

digitalWrite(6,HIGH);

delayMicroseconds(10);

digitalWrite(6,LOW);

time=pulseIn(3,HIGH);

Serial.println("The distance is");

distance=(time\*0.034)/2;

Serial.println(distance);

}