#define trigpin 11

#define echopin 10

float distance;

float duration;

void setup() {

Serial.begin(9600);

pinMode(trigpin,OUTPUT);

pinMode(echopin,INPUT);

}

void loop() {

digitalWrite(trigpin,HIGH);

delay(10);

digitalWrite(trigpin,LOW);

duration=pulseIn(echopin,HIGH);

distance=(duration/2)\*0.034;

}