void setup() {

// initialize the serial communication:

Serial.begin(9600);

pinMode(10, INPUT); // Setup for leads off detection LO +

pinMode(11, INPUT); // Setup for leads off detection LO -

}

void loop() {

if((digitalRead(10) == 1)||(digitalRead(11) == 1)){

Serial.println('!');

}

else{

// send the value of analog input 0:

Serial.println(analogRead(A0));

}

//Wait for a bit to keep serial data from saturating

delay(1);

}