unsigned long Timer;

float voltage;

void setup()

{

Timer = millis(); //Initializes Timer to millis()

Serial.begin(38400); //Sets baud rate at 38400

}

void loop()

{

if (millis() - Timer >= 500)

{

voltage = 5.0\*analogRead(0) / 1024.0; //sets voltage from the analog input

Serial.println(voltage); //sends number from the ADC and the computed voltage over the serial port

Timer+=500; //increments timer by 500

}

}