/\*PCE-14 Modified by Pat McMahon 12/10/2022.Uses Pat's 20 Plug & Code Examples.

  AnalogReadSerial

   Connections-Potentiometer to +5V,A0 & Gnd.

  Note- You need to use the Serial Monitor

  Reads an analog input on pin 0, prints the result to the Serial Monitor.

  Graphical representation is available using Serial Plotter (Tools > Serial Plotter menu).

  Attach the center pin of a potentiometer to pin A0, and the outside pins to +5V and ground.

  This example code is in the public domain.

  https://www.arduino.cc/en/Tutorial/BuiltInExamples/AnalogReadSerial

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// the setup routine runs once when you press reset:

void setup() {

  // initialize serial communication at 9600 bits per second:

  Serial.begin(9600);

}

// the loop routine runs over and over again forever:

void loop() {

  // read the input on analog pin 0:

  int sensorValue = analogRead(A0);

  // print out the value you read:

  Serial.println(sensorValue);

  delay(1);        // delay in between reads for stability

}