

```
/*
```

AnalogReadSerial

Reads an analog input on pin 0, prints the result to the serial monitor.

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.

```
*/
```

```
// 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
```

```
}
```