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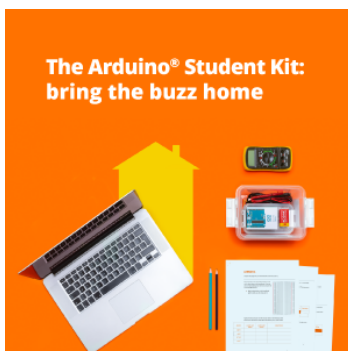
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Serial.read()

Description

Reads incoming serial data.

`Serial.read()` inherits from the Stream utility class.

Syntax

`Serial.read()`

Parameters

Serial: serial port object. See the list of available serial ports for each b
on the Serial main page.

Returns

The first byte of incoming serial data available (or -1 if no data is availab
Data type: `int`.

Example Code

```
int incomingByte = 0; // for incoming serial data

void setup() {
  Serial.begin(9600); // opens serial port, sets data rate to 9600 bps
}

void loop() {
  // send data only when you receive data:
  if (Serial.available() > 0) {
    // read the incoming byte:
    incomingByte = Serial.read();

    // say what you got:
    Serial.print("I received: ");
    Serial.println(incomingByte, DEC);
  }
}
```

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