

# JAVA.IO.INPUTSTREAM CLASS

[http://www.tutorialspoint.com/java/io/java\\_io\\_inputstream.htm](http://www.tutorialspoint.com/java/io/java_io_inputstream.htm)

Copyright © tutorialspoint.com

## Introduction

The **Java.io.InputStream** class is the superclass of all classes representing an input stream of bytes. Applications that need to define a subclass of InputStream must always provide a method that returns the next byte of input.

## Class declaration

Following is the declaration for **Java.io.InputStream** class:

```
public abstract class InputStream
    extends Object
    implements Closeable
```

## Class constructors

S.N.	Constructor & Description
1	<b>InputStream</b> Single Constructor

## Class methods

S.N.	Method & Description
1	<a href="#"><u>int available</u></a>  This method returns an estimate of the number of bytes that can be read <i>orskippedover</i> from this input stream without blocking by the next invocation of a method for this input stream.
2	<a href="#"><u>void close</u></a>  This method closes this input stream and releases any system resources associated with the stream.
3	<a href="#"><u>void markintreadlimit</u></a>  This method marks the current position in this input stream.
4	<a href="#"><u>boolean markSupported</u></a>  This method tests if this input stream supports the mark and reset methods.
5	<a href="#"><u>abstract int read</u></a>

This method reads the next byte of data from the input stream.

6

[int readbyte\[\]b](#)

This method reads some number of bytes from the input stream and stores them into the buffer array b.

7

[int readbyte\[\]b, intoff, intlen <](#)

This method reads up to len bytes of data from the input stream into an array of bytes.

8

[void reset](#)

This method repositions this stream to the position at the time the mark method was last called on this input stream.

9

[long skiplongn](#)

This method skips over and discards n bytes of data from this input stream.

## Methods inherited

This class inherits methods from the following classes:

• [java.io.Object](#)

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js