# JAVA.IO.SEQUENCEINPUTSTREAM CLASS

## Introduction

The **Java.io.SequenceInputStream** class represents the logical concatenation of other input streams. It starts out with an ordered collection of input streams and reads from the first one until end of file is reached, whereupon it reads from the second one, and so on, until end of file is reached on the last of the contained input streams.

## Class declaration

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

```
public class SequenceInputStream
   extends InputStream
```

## Class constructors

| S.N. | Constructor & Description |
|------|---------------------------|
| 1 | **SequenceInputStream***Enumeration < ? extendsInputStream > e*<br><br>This initializes a newly created SequenceInputStream by remembering the argument, which must be an Enumeration that produces objects whose run-time type is InputStream. |
| 2 | **SequenceInputStream***InputStreams1, InputStreams2*<br><br>This initializes a newly created SequenceInputStream by remembering the two arguments, which will be read in order, first s1 and then s2, to provide the bytes to be read from this SequenceInputStream. |

## Class methods

| S.N. | Method & Description |
|------|----------------------|
| 1 | [int available](#)<br><br>This method returns an estimate of the number of bytes that can be read *orskippedover* from the current underlying input stream without blocking by the next invocation of a method for the current underlying input stream. |
| 2 | [void close](#)<br><br>This method closes this input stream and releases any system resources associated with the stream. |
| 3 | [int read](#)<br><br>This method reads the next byte of data from this input stream. |

int read*byte[ ]b, intoff, intlen*

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

## Methods inherited

This class inherits methods from the following classes:

- Java.io.InputStream
- Java.io.Object

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