JAVA.IO.LINENUMBERINPUTSTREAM CLASS

Introduction

The **Java.io.LineNumberInputStream** class is an input stream filter that provides the added functionality of keeping track of the current line number. A line is a sequence of bytes ending with a carriage return character '\r', a newline character '\n', or a carriage return character followed immediately by a linefeed character.

Class declaration

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

```
public class LineNumberInputStream
   extends Reader
```

Field

Following are the fields for **Java.io.LineNumberInputStream** class:

- **protected InputStream in** -- This is the input stream to be filtered.

Class constructors

S.N.	Constructor & Description
1	**LineNumberInputStream***InputStreamin* This constructs a newline number input stream that reads its input from the specified input stream.

Class methods

S.N.	Method & Description
1	int available This method returns the number of bytes that can be read from this input stream without blocking.
2	int getLineNumber This method returns the current line number.
3	void mark*intreadlimit* This method marks the current position in this input stream.
4	int read

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

5

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

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

6

void reset

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

7

void setLineNumber*intlineNumber*

This method sets the line number to the specified argument.

8

long skip*longn*

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.FilterInputStream
- Java.io.Object