JAVA.IO.BUFFEREDREADER CLASS

Introduction

The **Java.io.BufferedReader** class reads text from a character-input stream, buffering characters so as to provide for the efficient reading of characters, arrays, and lines.Following are the important points about BufferedReader:

- The buffer size may be specified, or the default size may be used.

- Each read request made of a Reader causes a corresponding read request to be made of the underlying character or byte stream.

Class declaration

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

```
public class BufferedReader
    extends Reader
```

Field

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

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	**BufferedReader(Reader in)** This creates a buffering character-input stream that uses a default-sized input buffer.
2	**BufferedReader(Reader in, int sz)** This creates a buffering character-input stream that uses an input buffer of the specified size.

Class methods

close() , mark() , markSupported() , read(char[],int ,int) reset(), skip(long)

S.N.	Method & Description
1	void close() This method closes the stream and releases any system resources associated with it.
2	void mark(int readAheadLimit) This method marks the present position in the stream.
3	boolean markSupported() This method tells whether this stream supports the mark() operation, which it does.
4	int read() This method reads a single character.
5	int read(char[] cbuf, int off, int len) This method reads characters into a portion of an array.
6	String readLine() This method reads a line of text.

7	boolean ready()
	This method tells whether this stream is ready to be read.
8	void reset()
	This method resets the stream.
9	long skip(long n)
	This method skips characters.

Methods inherited

This class inherits methods from the following classes:

- Java.io.Reader

- Java.io.Object