

JAVA.IO.BUFFEREDINPUTSTREAM.READ METHOD

http://www.tutorialspoint.com/java/io/bufferedinputstream_read.htm

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Description

The **java.io.BufferedReader.read** method reads the next byte of data from the input stream.

Declaration

Following is the declaration for **java.io.BufferedReader.read** method

```
public int read()
```

Parameters

- NA

Return Value

This method does not return any value.

Exception

- **IOException** -- if an I/O error occurs..

Example

The following example shows the usage of java.io.BufferedReader.read method.

```
package com.tutorialspoint;

import java.io.BufferedReader;
import java.io.FileInputStream;
import java.io.InputStream;

public class BufferedInputStreamDemo {
    public static void main(String[] args) throws Exception {

        InputStream inStream = null;
        BufferedReader bis = null;

        try{
            // open input stream test.txt for reading purpose.
            inStream = new FileInputStream("c:/test.txt");

            // input stream is converted to buffered input stream
            bis = new BufferedReader(inStream);

            // read until a single byte is available
            while(bis.available()>0)
            {
                // read the byte and convert the integer to character
                char c = (char)bis.read();

                // print the characters
                System.out.println("Char: "+c);
            }
        }catch(Exception e){
            // if any I/O error occurs
            e.printStackTrace();
        }finally{
            // releases any system resources associated with the stream
            if(inStream!=null)
```

```
        inStream.close();
    if(bis!=null)
        bis.close();
    }
}
```

Assuming we have a text file **c:/test.txt**, which has the following content. This file will be used as an input for our example program:

```
ABCDE
```

Let us compile and run the above program, this will produce the following result:

```
Char : A
Char : B
Char : C
Char : D
Char : E
```

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