Java BufferedInputStream class

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Java BufferedInputStream class is used to read information from stream. It internally uses buffer mechanism to make the performance fast.

The important points about BufferedInputStream are:

- When the bites from stream are skipped or read, the internal buffer automatically refilled from the contained input stream, many bytes at a time.
- When a BufferedInputStream is created, an internal buffer array is created.

Constructor	Description
`BufferedInputStream(InputStream in)`	Creates a `BufferedInputStream` and saves its argument, the input stream `in`, for later use.
`BufferedInputStream(InputStream in, int size)`	Creates a `BufferedInputStream` with the specified buffer size, and saves its argument, the input stream `in`, for later use.

Method Summary

All Methods | Instance Methods | Concrete Methods

Modifier and Type	Method	Description
`int`	`available()`	Returns an estimate of the number of bytes that can be read (or skipped over) from this input stream without blocking by the next invocation of a method for this input stream.
`void`	`close()`	Closes this input stream and releases any system resources associated with the stream.
`void`	`mark(int readlimit)`	See the general contract of the `mark` method of `InputStream`.
`boolean`	`markSupported()`	Tests if this input stream supports the `mark` and `reset` methods.
`int`	`read()`	See the general contract of the `read` method of `InputStream`.
`int`	`read(byte[] b, int off, int len)`	Reads bytes from this byte-input stream into the specified byte array, starting at the given offset.
`void`	`reset()`	See the general contract of the `reset` method of `InputStream`.
`long`	`skip(long n)`	See the general contract of the `skip` method of `InputStream`.

```
import java.util.*;
import java.io.*;

/**
* Write a description of class BufferedInputStreamClass here.
*
* @author (your name)
* @version (a version number or a date)
*/
public class BufferedInputStreamClass
{
   public static void main(String[] args)
   {
      String path="./Datafiles/";
      String filename;
```

```
    Scanner sc=new Scanner(System.in);
    System.out.print("\f Enter file name: ");
    filename=sc.nextLine();
    try
    {
       FileInputStream fis= new FileInputStream(path+filename);
       BufferedInputStream bis= new BufferedInputStream(fis);
       int i;
       while((i=bis.read())!=-1)
       {
          System.out.print((char)i);
       }
       bis.close();
       fis.close();
    }
    catch(FileNotFoundException fnfe)
    {
       System.err.print("\n File not found at specified path: ");

    }
    catch(IOException ioe)
    {
       System.err.print("\n Connection problem.");
    }

  }
}
```