Java BufferedOutputStream Class
Java BufferedOutputStream class is used for buffering an output stream. It internally uses buffer to store data. It adds more efficiency than to write data directly into a stream. So it makes the performance fast.
For adding the buffer in an output stream, use the BufferedOutputStream class. Let's see the syntax for adding the buffer in an OutputStream:
     OutputStream os = new BufferedOutputStream(new FileOutputStream(path+filename));

    BufferedOutputStream class Constructors

    BufferedOutputStream (OutputStream os) : It creates the new buffered output stream which is used for writing the data to the specified output stream.

    BufferedOutputStream (OutputStream os, int size) : It creates a new buffered output stream which is used for writing the data to the specified output stream with a specified buffer size.

void	flush()	Flushes this buffered output stream.
void	write(byte[] b, int off, int len)	Writes len bytes from the specified byte array starting at offset off to this buffered output stream.
void	write(int b)	Writes the specified byte to this buffered output stream.

```java
import java.util.*;
import java.io.FileOutputStream;
import java.io.FileNotFoundException;
import java.io.BufferedOutputStream;
import java.io.IOException;

/**
 * Write a description of class BufferedOutputStreamClass here.
 *
 * @author (your name)
 * @version (a version number or a date)
 */
public class BufferedOutputStreamClass
{
    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{
            FileOutputStream fos= new FileOutputStream(path+filename,true);
            BufferedOutputStream bos= new BufferedOutputStream(fos);
            System.out.print("\n Enter any sentence: ");
            String str=sc.nextLine()+"\n";
            byte b[]=str.getBytes();
            bos.write(b);
            bos.flush();
            bos.close();
            fos.close();
```
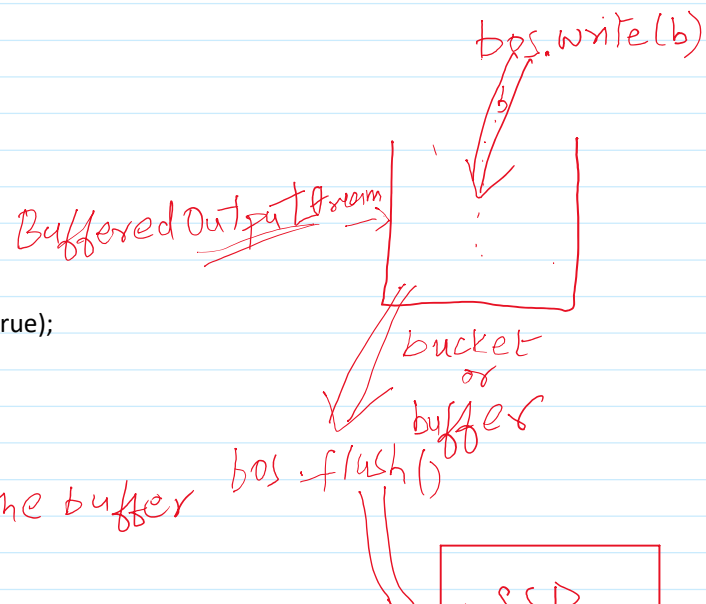

(handwritten annotations): bos.write(b) · Buffered OutputStream · bucket or buffer · bos.flush() · writes data into buffer · flush all data present in the buffer

```
                bos.flush();   ←— flush all pending content in file a 3DD?
                bos.close();
                fos.close();
            }
        catch(FileNotFoundException fnf)
        {
            System.err.print("\n The specified file is not found in the path.");
        }
        catch(IOException ioe)
        {
            System.err.print("\n Data is not transferred to the file.");

        }
    }
}
```