

JAVA.IO.FILEOUTPUTSTREAM.CLOSE METHOD

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

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Description

The **java.io.FileOutputStream.close** closes this file output stream and releases any system resources associated with this stream.

Declaration

Following is the declaration for **java.io.FileOutputStream.close** method:

```
public void close()
```

Parameters

- NA

Return Value

The method does not return any value.

Exception

- NA

Example

The following example shows the usage of java.io.FileOutputStream.close method.

```
package com.tutorialspoint;

import java.io.FileOutputStream;
import java.io.IOException;

public class FileOutputStreamDemo {
    public static void main(String[] args) throws IOException {

        FileOutputStream fos = null;

        try{
            // create new file output stream
            fos = new FileOutputStream("C://text.txt");

            // close stream
            fos.close();

            // try to write into underlying stream
            fos.write(65);
            fos.flush();
            fos.close();

        }catch(Exception ex){
            // if any error occurs
            System.out.print("IOException: File output stream is closed");
        }finally{

            // releases all system resources from the streams
            if(fos!=null)
                fos.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:

```
ABCDEF
```

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

```
T0Exception: File output stream is closed
```

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