

```
package com.mkyong;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;
import java.nio.file.Files;
import java.nio.file.Path;
import java.nio.file.Paths;

public class ArrayOfBytesToFile {

    private static final String UPLOAD_FOLDER = "C:\\temp\\";

    public static void main(String[] args) {

        FileInputStream fileInputStream = null;

        try {

            File file = new File("C:\\temp\\testing1.txt");
            byte[] bFile = new byte[(int) file.length()];

            //read file into bytes[]
            fileInputStream = new FileInputStream(file);
            fileInputStream.read(bFile);

            //save bytes[] into a file
            writeBytesToFile(bFile, UPLOAD_FOLDER + "test1.txt");
            writeBytesToFileClassic(bFile, UPLOAD_FOLDER + "test2.txt");
            writeBytesToFileNio(bFile, UPLOAD_FOLDER + "test3.txt");

            System.out.println("Done");

        } catch (IOException e) {
            e.printStackTrace();
        } finally {
            if (fileInputStream != null) {
                try {
                    fileInputStream.close();
                } catch (IOException e) {
                    e.printStackTrace();
                }
            }
        }

        //Classic, < JDK7
        private static void writeBytesToFileClassic(byte[] bFile, String fileDest) {
```

```
FileOutputStream fileOutputStream = null;

try {
    fileOutputStream = new FileOutputStream(fileDest);
    fileOutputStream.write(bFile);

} catch (IOException e) {
    e.printStackTrace();
} finally {
    if (fileOutputStream != null) {
        try {
            fileOutputStream.close();
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}

}

//Since JDK 7 - try resources
private static void writeBytesToFile(byte[] bFile, String fileDest) {

    try (FileOutputStream fileOutputStream = new FileOutputStream(fileDest)) {
        fileOutputStream.write(bFile);
    } catch (IOException e) {
        e.printStackTrace();
    }

}

//Since JDK 7, NIO
private static void writeBytesToFileNio(byte[] bFile, String fileDest) {

    try {
        Path path = Paths.get(fileDest);
        Files.write(path, bFile);
    } catch (IOException e) {
        e.printStackTrace();
    }

}

}
```