OBJECT-ORIENTED PROGRAMMING LAB

Experiment No.: 3

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Aim

Write a program to copy one file to another.

Program

```java
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.io.*;
import java.util.*;
import java.io.File;
public class copyfile {
 public static void main(String[]
args) {
Scanner scan=new Scanner(System.in);
System.out.println("Enter the source File Name");
String source=scan.nextLine();
try {
FileReader fr=new FileReader(source);
String str = "";
int i;
System.out.println("Reading from file
"+source); while ((i = fr.read()) != -1) {
```

```java
str += (char) i;

}


System.out.println(str);


System.out.println("\n Enter the filename to copy");


String destination=scan.nextLine();

File file=new File(destination);

FileWriter fw = new

FileWriter(file); fw.write(str);

fr.close();

fw.close();

System.out.println("Copied from "+source+" to "+destination+
"Successfully..!");

} catch (Exception e) {

System.out.println("Exception Occured");

}

}

}
```

Output Screenshot

```
D:\>javac copyfile.java

D:\>java copyfile
Enter the source File Name
cycle 5
Exception Occured

D:\>javac copyfile.java

D:\>java copyfile
Enter the source File Name
f1.txt
Reading from file f1.txt
hello


 Enter the filename to copy
f2.txt
Copied from f1.txt to f2.txt Successfully..!

D:\>
```