

SECURE CODING

LAB – 3

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This is the code to repeatedly copy the text from the file and make copies of it into as many as we want.
Here we made the clone of the text file named **jay.txt** over 50 times.

```
File Edit Source Refactor Navigate Search Project Run Window Help
StreamView Lab1.java RMIClient.java test.java FileGenerator.java
Package Explorer
DAA
my_project
NetworkProgrammer
SE
STS
JRE System Library
src
  NP
    FileGenerator.java
    StreamView.java
    test.java
    test.java

1 package NP;
2
3 import java.io.File; // Import the File class
4 import java.io.FileNotFoundException; // Import this class to handle err
5 import java.io.FileWriter;
6 import java.io.IOException;
7 import java.util.Scanner; // Import the Scanner class to read text files
8
9 public class FileGenerator {
10     public static void main(String[] args) throws IOException {
11         Scanner sc = new Scanner(System.in);
12         System.out.println("Enter the number of copies you want");
13         int n = sc.nextInt();
14         try {
15             File myObj = new File("C:\\Users\\USER\\AppData\\Local\\Microsoft\\Windows\\FileHistory\\Secure-Coding\\");
16             Scanner myReader = new Scanner(myObj);
17             while (myReader.hasNextLine()) {
18                 String data = myReader.nextLine();
19                 //System.out.println(data);
20                 for(int i=0;i<n;i++)
21                 {
22                     File file = new File("C:\\Users\\USER\\AppData\\Local\\Microsoft\\Windows\\FileHistory\\Secure-Coding\\");
23                     if(file.exists()) {
24                         FileWriter file1 = new FileWriter(file);
25                         file1.write(data);
26                         file1.close();
27                         System.out.println("File created: " + file.getName());
28                     }
29                 }
30             }
31             myReader.close();
32         } catch (FileNotFoundException e) {
33             System.out.println("No error occurred.");
34             e.printStackTrace();
35         }
36     }
37 }
```

Console

```
terminated: FileGenerator [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\java.exe (26 Feb 2021, 1
File created: jay{49}.txt
File created: jay{56}.txt
```

Name	Date modified	Type	Size
Quick	16-02-2021 05:55 PM	Text Document	1 KB
De #	16-02-2021 05:55 PM	Text Document	1 KB
De #	16-02-2021 05:55 PM	Text Document	1 KB
Co #	16-02-2021 05:55 PM	Text Document	1 KB
De #	16-02-2021 05:55 PM	Text Document	1 KB
SD #	16-02-2021 05:55 PM	Text Document	1 KB
LA #	16-02-2021 05:55 PM	Text Document	1 KB
AD #	16-02-2021 05:55 PM	Text Document	1 KB
CONC	16-02-2021 05:55 PM	Text Document	1 KB
Diab	16-02-2021 05:55 PM	Text Document	1 KB
MCB	16-02-2021 05:55 PM	Text Document	1 KB
OneDr	16-02-2021 05:55 PM	Text Document	1 KB
Tha PC	16-02-2021 05:55 PM	Text Document	1 KB
33 G	16-02-2021 05:55 PM	Text Document	1 KB
Deab	16-02-2021 05:55 PM	Text Document	1 KB
Down	16-02-2021 05:55 PM	Text Document	1 KB
Down	16-02-2021 05:55 PM	Text Document	1 KB
Music	16-02-2021 05:55 PM	Text Document	1 KB
Actu	16-02-2021 05:55 PM	Text Document	1 KB
Video	16-02-2021 05:55 PM	Text Document	1 KB
OS G	16-02-2021 05:55 PM	Text Document	1 KB
Stabi	16-02-2021 05:55 PM	Text Document	1 KB
Photo	16-02-2021 05:55 PM	Text Document	1 KB
remy	16-02-2021 05:55 PM	Text Document	1 KB
Com	16-02-2021 05:55 PM	Text Document	1 KB
Partne	16-02-2021 05:55 PM	Text Document	1 KB
jay1.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay10.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay11.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay12.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay13.txt	16-02-2021 05:55 PM	Text Document	1 KB
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jay15.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay16.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay17.txt	16-02-2021 05:55 PM	Text Document	1 KB
jay18.txt	16-02-2021 05:55 PM	Text Document	1 KB
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