

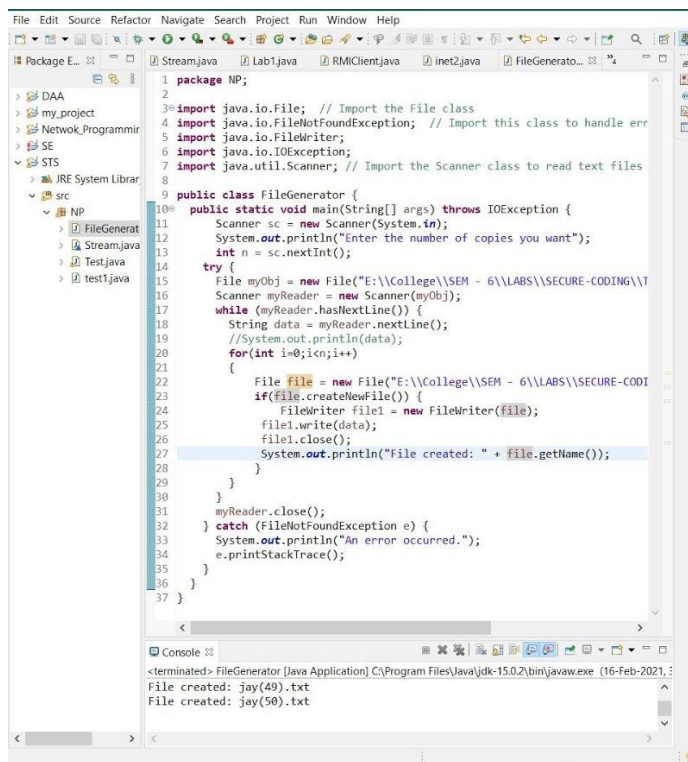
LAB – 3

Secure

Coding.

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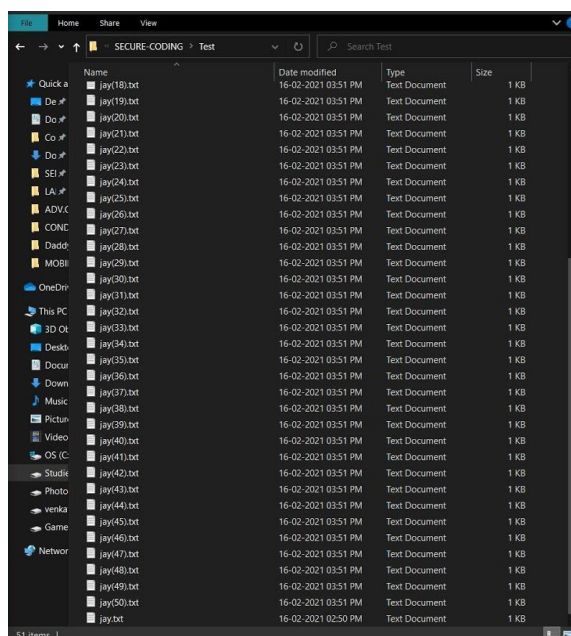
Write a file replication code to copy the same file for 50 times on the same directory.



```
1 package NP;
2
3 import java.io.File; // Import the File class
4 import java.io.FileNotFoundException; // Import this class to handle errors
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("E:\\College\\SEM - 6\\LABS\\SECURE-CODING\\T");
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("E:\\College\\SEM - 6\\LABS\\SECURE-CODING\\T");
23                     if(file.createNewFile()) {
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("An error occurred.");
34             e.printStackTrace();
35         }
36     }
37 }
```

Console Output:

```
<terminated> FileGenerator [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (16-Feb-2021, 16:02:21)
File created: jay(49).txt
File created: jay(50).txt
```



C:\Windows\System32\diskpart.exe

Microsoft DiskPart version 10.0.19041.610

Copyright (C) Microsoft Corporation.

On computer: LAPTOP-OT4TJ0VC

DISKPART> list disk

Disk ###	Status	Size	Free	Dyn	Gpt
-----	-----	-----	-----	---	---
Disk 0	Online	476 GB	6144 KB		*

DISKPART> list vdisk

There are no virtual disks to show.

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> list partition

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	System	260 MB	1024 KB
Partition 2	Reserved	16 MB	261 MB
Partition 3	Primary	476 GB	277 MB
Partition 4	Recovery	514 MB	476 GB

DISKPART> list vol

Volume ###	Ltr	Label	Fs	Type	Size	Status	Info
-----	---	-----	---	-----	-----	-----	-----
Volume 0	C	Windows	NTFS	Partition	476 GB	Healthy	Boot
Volume 1		SYSTEM	FAT32	Partition	260 MB	Healthy	System
Volume 2		Windows RE	NTFS	Partition	514 MB	Healthy	Hidden

DISKPART> _

Command Prompt

Microsoft Windows [Version 10.0.19042.867]

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C:\Users\achal>where /R C:\ *.exe | findstr firefox

C:\Program Files\Mozilla Firefox\firefox.exe

C:\Users\achal\AppData\Local\OEM\Hermes\classes\acer.firefox.8\adunit.exe

C:\Users\achal\AppData\Local\OEM\Hermes\classes\acer.firefox.8\AutoP4.exe

C:\Users\achal\Tor Browser\Browser\firefox.exe

_

Command Prompt

Microsoft Windows [Version 10.0.19042.867]
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C:\Users\achal>schtasks

Folder: \

TaskName	Next Run Time	Status
=====	=====	=====
ACCBBackgroundApplication	N/A	Running
JavaUpdateSched	N/A	Ready
NvBatteryBoostCheckOnLogon_{B2FE1952-0186-46C3-BAEC-}	N/A	Ready
NvDriverUpdateCheckDaily_{B2FE1952-0186-46C3-BAEC-}	14-03-2021 12:25:12	Ready
NVIDIA GeForce Experience SelfUpdate_{B2FE1952-0186-46C3-BAEC-}	N/A	Ready
NvNodeLauncher_{B2FE1952-0186-46C3-BAEC-}	N/A	Ready
NvProfileUpdaterDaily_{B2FE1952-0186-46C3-BAEC-}	14-03-2021 12:25:08	Ready
NvProfileUpdaterOnLogon_{B2FE1952-0186-46C3-BAEC-}	N/A	Ready
NvTmRep_CrashReport1_{B2FE1952-0186-46C3-BAEC-}	14-03-2021 12:25:12	Ready
NvTmRep_CrashReport2_{B2FE1952-0186-46C3-BAEC-}	13-03-2021 18:25:12	Ready
NvTmRep_CrashReport3_{B2FE1952-0186-46C3-BAEC-}	14-03-2021 00:25:12	Ready
NvTmRep_CrashReport4_{B2FE1952-0186-46C3-BAEC-}	14-03-2021 06:25:12	Ready
OneDrive Standalone Update Task-S-1-5-21	14-03-2021 14:26:08	Ready
Opera GX scheduled Autoupdate 1596437019	13-03-2021 21:59:33	Ready
Power Button	N/A	Running
PredatorSense	N/A	Ready
PredatorSense UI	N/A	Ready
Quick Access	N/A	Ready
Seagate_Install_Launch	N/A	Ready
Software Update Application	N/A	Ready
StorPSCTL	N/A	Running
UbtFrameworkService	N/A	Ready
UEIPInvitation	N/A	Ready
User_Feed_Synchronization-{84E58289-F673-428C-9C42-6A04A657D8E2}	13-03-2021 22:07:24	Ready

Folder: \Agent Activation Runtime

TaskName	Next Run Time	Status
=====	=====	=====
S-1-5-21-3545881854-343151579-2679669329	N/A	Disabled

Folder: \Microsoft

TaskName	Next Run Time	Status
=====	=====	=====
INFO: There are no scheduled tasks presently available at your access level.		

Folder: \Microsoft\OneCore

TaskName	Next Run Time	Status
=====	=====	=====
INFO: There are no scheduled tasks presently available at your access level.		

Folder: \Microsoft\Windows

TaskName	Next Run Time	Status
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