

Secure Coding CSE-2010

Lab Assignment-3

Name : Nishit Verma

Slot : L23+24

Reg.No : 19BCN7050

(Q) Find your browser installation location.

```
C:\Users\NISHIT VERMA>where /R c:\ *.exe | findstr chrome.exe
c:\Program Files (x86)\Google\Chrome\Application\chrome.exe
```

(Q) Find command that searches for a text string in a file or files.

```
C:\Users\NISHIT VERMA\Downloads>type test.txt
Information retrieval is the activity of obtaining information
system resources that are relevant to an information need from
a collection of those resources.
Searches can be based on full text or other content based indexing.
Information retrieval is the science of searching for information in a document,
searching for documents themselves, and also searching for the metadata that describes data,
and for databases of texts, images or sounds.
C:\Users\NISHIT VERMA\Downloads>findstr /N /C:"Information" test.txt
1:Information retrieval is the activity of obtaining information
5:Information retrieval is the science of searching for information in a document,
```

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

Java Code :

```
import java.io.*;

import java.nio.file.Files;

import java.nio.file.Paths;

import java.util.*;
```

```
public class RepCode
{
    public static void main(String []args)
    {
        String data = "";
        try {
            data = new
String(Files.readAllBytes(Paths.get("C://Users/NISHIT
VERMA/Downloads/test.txt")));
        }
        catch (IOException e) {
            e.printStackTrace();
        }
        for(int i=1 ; i<=50 ; i++)
        {
            try
            {
                String name = "C://Users/NISHIT
VERMA/Downloads/test("+i+").txt";

                File myObj = new File(name);

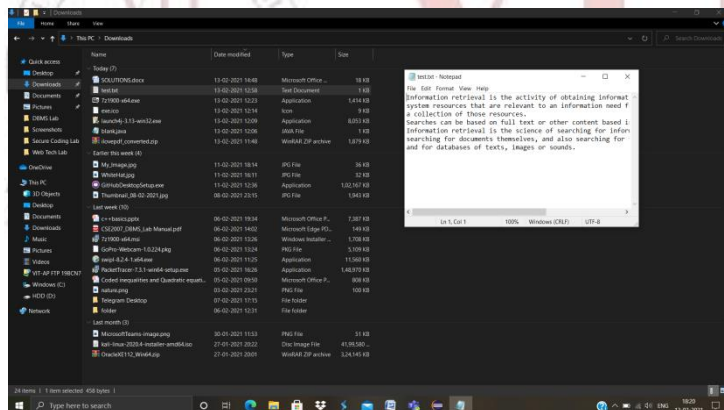
                FileWriter myWriter = new FileWriter(name);

                myWriter.write(data);

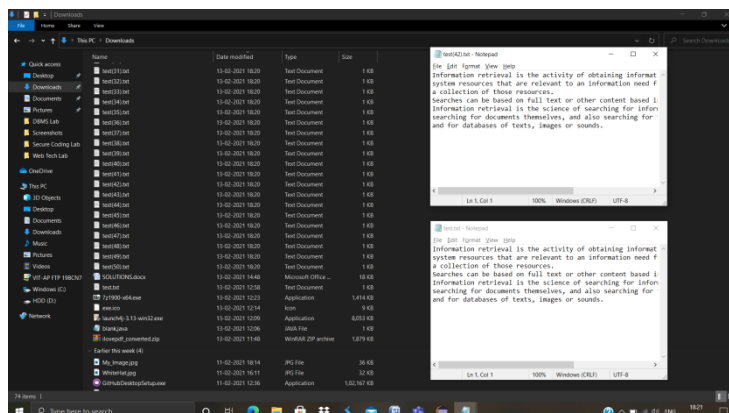
                myWriter.close();
```

}

Before Execution :



After Execution :



(Q) Check the scheduled task using **schtasks**.

→ A few of the scheduled tasks displayed using the command **schtasks**.

```
C:\Users\NISHIT VERMA>schtasks

Folder: \
TaskName                                     Next Run Time      Status
=====
G2MUpdateTask-S-1-5-21-3218518820-144223  13-02-2021  11:31:00    Ready
G2MUploadTask-S-1-5-21-3218518820-144223  13-02-2021  11:36:00    Ready
HPAudioSwitch                               N/A            Ready
HPJumpStartLaunch                           N/A            Ready
NvBatteryBoostCheckOnLogon_{B2FE1952-0186-  13-02-2021  12:25:52    Ready
NvDriverUpdateCheckDaily_{B2FE1952-0186-  13-02-2021  12:25:52    Ready
NVIDIA GeForce Experience SelfUpdate_{B2  N/A            Ready
NvNodeLauncher_{B2FE1952-0186-46C3-BAEC-  N/A            Ready
NvProfileUpdaterDaily_{B2FE1952-0186-46C  13-02-2021  12:25:47    Ready
NvProfileUpdaterOnLogon_{B2FE1952-0186-4  N/A            Ready
NvTmMon_{B2FE1952-0186-46C3-BAEC-A80AA35  N/A            Ready
NvTmRepCR1_{B2FE1952-0186-46C3-BAEC-A80A  13-02-2021  18:25:47    Ready
NvTmRepCR2_{B2FE1952-0186-46C3-BAEC-A80A  14-02-2021  00:25:47    Ready
NvTmRepCR3_{B2FE1952-0186-46C3-BAEC-A80A  14-02-2021  06:25:47    Ready
NvTmRep_{B2FE1952-0186-46C3-BAEC-A80AA35  13-02-2021  12:25:47    Ready
OneDrive Standalone Update Task-S-1-5-21  13-02-2021  21:38:54    Ready

Folder: \Agent Activation Runtime
TaskName                                     Next Run Time      Status
=====
S-1-5-21-3218518820-1442238094-346227339 N/A            Ready

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

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

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\VisualStudio
TaskName                                     Next Run Time      Status
=====
```

- Create a task name “Reg.No_Task1” to run on a specific time

```
C:\Users\NISHIT VERMA\Downloads>Schtasks /create /SC HOURLY /TN 19BCN7050_Task1 /TR 7z1900-x64.exe /ST 13:00 /ET 13:10
SUCCESS: The scheduled task "19BCN7050_Task1" has successfully been created.

C:\Users\NISHIT VERMA\Downloads>
```

- Change the time of the scheduled task

```
C:\Users\NISHIT VERMA\Downloads>Schtasks /change /TN 19BCN7050_Task1 /ST "13:05"
Please enter the run as password for NISHIT VERMA:

WARNING: When the run-as password is empty, the scheduled task may not run because of the security policy.
SUCCESS: The parameters of scheduled task "19BCN7050_Task1" have been changed.
```

- Delete the scheduled task

```
C:\Users\NISHIT VERMA\Downloads>Schtasks /delete /TN "19BCN7050_Task1"  
WARNING: Are you sure you want to remove the task "19BCN7050_Task1" (Y/N)? y  
SUCCESS: The scheduled task "19BCN7050_Task1" was successfully deleted.
```

- Schedule an another task to run only on weekdays

```
C:\Users\NISHIT VERMA\Downloads>Schtasks /create /SC weekly /D MON,TUE,WED,THU,FRI /TN 19BCN7050_Task1 /TR 7z1900-x64.exe /ST 13:00 /ET 15:10  
SUCCESS: The scheduled task "19BCN7050_Task1" has successfully been created.
```

- Schedule an another task to run only on weekends

```
C:\Users\NISHIT VERMA\Downloads>Schtasks /create /SC weekly /D SAT,SUN /TN 19BCN7050_Task2 /TR 7z1900-x64.exe /ST 13:00 /ET 15:10  
SUCCESS: The scheduled task "19BCN7050_Task2" has successfully been created.
```



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