Secure Coding Lab-3

AKASH P
18BCN7078
L39+L40

1) Find your browser installation location

```
C:\Users\AKASH>where /R C:\ *.exe | findstr chrome.exe
C:\Program Files (x86)\Google\Chrome\Application\chrome.exe
C:\Program Files (x86)\Google\Chrome\Application\new_chrome.exe
^C^C
C:\Users\AKASH>CcccC
```

We can use this command to find the files.

2) File Replication

```
C:\Users\AKASH>cd 18BCN7078_FileReplication

C:\Users\AKASH\18BCN7078_FileReplication>type nul

C:\Users\AKASH\18BCN7078_FileReplication>type nul> 18BCN7078.exe

C:\Users\AKASH\18BCN7078_FileReplication>
```

Here, I created a file which is going to be copied for 50 times in the same directory.
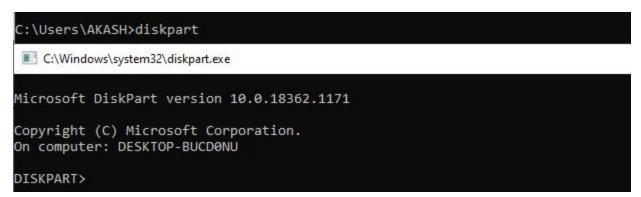
```
Command Prompt                                                                                    —  □  ×
The file cannot be copied onto itself.
        0 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>for /l %A in (1,1,50) do copy "18BCN7078.exe" "18BCN7078(%A).exe"

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(1).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(2).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(3).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(4).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(5).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(6).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(7).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(8).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(9).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(10).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(11).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(12).exe"
        1 file(s) copied.

C:\Users\AKASH\18BCN7078_FileReplication>copy "18BCN7078.exe" "18BCN7078(13).exe"
        1 file(s) copied.
```

```
C:\Users\AKASH>where /R C:\ *.exe | findstr chrome.exe
C:\Program Files (x86)\Google\Chrome\Application\chrome.exe
C:\Program Files (x86)\Google\Chrome\Application\new_chrome.exe
^C^C
C:\Users\AKASH>CccccC
```

We are finding the above File using cmd.

```
C:\Users\AKASH\18BCN7078_FileReplication>del *(*).exe

C:\Users\AKASH\18BCN7078_FileReplication>
```

And deleting the same files that are replicated.

3) DiskPart

```
C:\Users\AKASH>diskpart

    C:\Windows\system32\diskpart.exe

Microsoft DiskPart version 10.0.18362.1171

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-BUCD0NU

DISKPART>
```

It will list out all the HDDs and SSDs present in my PC.

```
DISKPART> list vdisk

There are no virtual disks to show.

DISKPART>
```

It will list out all the Virtual drives present in my PC.

```
DISKPART> list volume

  Volume ###  Ltr  Label        Fs     Type        Size     Status     Info
  ----------  ---  -----------  -----  ----------  -------  ---------  --------
  Volume 0     F                       DVD-ROM        0 B   No Media
  Volume 1     C                NTFS   Partition   115 GB   Healthy    Boot
  Volume 2     E                NTFS   Partition   250 GB   Healthy
  Volume 3     G                NTFS   Partition   250 GB   Healthy
  Volume 4     H                NTFS   Partition   300 GB   Healthy
  Volume 5     D    RECOVERY    NTFS   Partition    14 GB   Healthy
  Volume 6                      FAT32  Partition   260 MB   Healthy    System
  Volume 7                      NTFS   Partition   980 MB   Healthy    Hidden
```

It will list out all the partitions and volumes present in my Disk 0.

4) Schedule tasks : schtasks


```
Command Prompt                                                                    —  □  ×
C:\Users\AKASH>diskpart

C:\Users\AKASH>schtasks

Folder: \
TaskName                                  Next Run Time          Status
========================================= ====================== ===============
JavaUpdateSched                           N/A                    Ready
OneDrive Standalone Update Task-S-1-5-21  03-03-2021 17:58:19    Ready

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
========================================= ====================== ===============
INFO: There are no scheduled tasks presently available at your access level.

Folder: \Microsoft\Windows\.NET Framework
TaskName                                  Next Run Time          Status
========================================= ====================== ===============
.NET Framework NGEN v4.0.30319            N/A                    Ready
.NET Framework NGEN v4.0.30319 64         N/A                    Ready
.NET Framework NGEN v4.0.30319 64 Critic  N/A                    Disabled
.NET Framework NGEN v4.0.30319 Critical   N/A                    Disabled

Folder: \Microsoft\Windows\Active Directory Rights Management Services Client
TaskName                                  Next Run Time          Status
========================================= ====================== ===============
AD RMS Rights Policy Template Management   N/A                    Disabled
AD RMS Rights Policy Template Management   N/A                    Ready

Folder: \Microsoft\Windows\AppID
TaskName                                  Next Run Time          Status
========================================= ====================== ===============
PolicyConverter                           N/A                    Disabled
VerifiedPublisherCertStoreCheck           N/A                    Disabled
```

•Running Schtasks.exe without arguments displays the status and next run time for each registered task.

Basics

- Create a task name "Reg.no_Task1" to run on a specific time
- Change the time of the scheduled task
- Delete the scheduled task
- Schedule an another task to run only on Weekdays
- Schedule an another task to run only on Weekends

1)

```
C:\Users\AKASH>schtasks /create /sc daily /tn "18BCN7078_task1\open chrome" /tr "C:\Program F
iles\Google\Chrome\Application\chrome.exe" /st 18:00
SUCCESS: The scheduled task "18BCN7078_task1\open chrome" has successfully been created.

C:\Users\AKASH>
```

We have created a task named "18BCN7081_task1" scheduled daily at 18:00.

2)

```
C:\Users\AKASH>schtasks /change /tn "18BCN7078_task1\open chrome" /st 18:10
Please enter the run as password for AKASH: *************
```

We have changed the time of scheduled task to 18:10

3)

```
C:\Users\AKASH>schtasks /change /tn "18BCN7078_task1\open chrome" /disable
SUCCESS: The parameters of scheduled task "18BCN7078_task1\open chrome" have been changed.

C:\Users\AKASH>
```

We have disabled and deleted the scheduled task.

Submitted By

AKASH P

18BCN7078