SECURE CODING LAB-3
L-23,24

DONE BY
HEMANTH KUMAR R
18BCN7028

Number of devices in the machine

```
C:\WINDOWS\system32>diskpart

Microsoft DiskPart version 10.0.19041.610

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On computer: DESKTOP-KD0AJIH

DISKPART> list

Microsoft DiskPart version 10.0.19041.610

DISK         - Display a list of disks. For example, LIST DISK.
PARTITION    - Display a list of partitions on the selected disk.
               For example, LIST PARTITION.
VOLUME       - Display a list of volumes. For example, LIST VOLUME.
VDISK        - Displays a list of virtual disks.
```

```
DISKPART> list disk

  Disk ###  Status         Size     Free     Dyn  Gpt
  --------  -------------  -------  -------  ---  ---
  Disk 0    Online          931 GB     0 B          *
```

Number of Partitions in disk:

```
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    Reserved          128 MB    17 KB
  Partition 2    Recovery          529 MB   129 MB
  Partition 3    System            100 MB   658 MB
  Partition 4    Primary           148 GB   758 MB
  Partition 5    Primary           260 GB   149 GB
  Partition 6    Primary           260 GB   409 GB
  Partition 7    Primary           260 GB   670 GB
```

```
DISKPART> list vol

  Volume ###  Ltr  Label        Fs     Type        Size     Status     Info
  ----------  ---  -----------  -----  ----------  -------  ---------  --------
  Volume 0     G                       DVD-ROM        0 B   No Media
  Volume 1     C                NTFS   Partition   148 GB   Healthy    Boot
  Volume 2     D   New Volume   NTFS   Partition   260 GB   Healthy
  Volume 3     E   New Volume   NTFS   Partition   260 GB   Healthy
  Volume 4     F   New Volume   NTFS   Partition   260 GB   Healthy
  Volume 5                      NTFS   Partition   529 MB   Healthy    Hidden
  Volume 6                      FAT32  Partition   100 MB   Healthy    System

DISKPART>
```

File replication code to copy the same file for 50 times in the same directory.

```
Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\User>cd Desktop

C:\Users\User\Desktop>mkdir 18BCN7028_SC-3

C:\Users\User\Desktop>type nul > 18BCN7028.txt

C:\Users\User\Desktop>cd 18BCN7028_SC-3

C:\Users\User\Desktop\18BCN7028_SC-3>type nul > 18BCN7028.txt
```

```
C:\Users\User\Desktop\18BCN7028_SC-3>type nul > 18BCN7028.txt

C:\Users\User\Desktop\18BCN7028_SC-3>for /l %A in (1,1,50) do copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\
User\Desktop\18BCN7028_SC-3\18BCN7028-%A.txt"

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-1.txt"
        1 file(s) copied.

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-2.txt"
        1 file(s) copied.

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-3.txt"
        1 file(s) copied.

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-4.txt"
        1 file(s) copied.

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-5.txt"
        1 file(s) copied.

C:\Users\User\Desktop\18BCN7028_SC-3>copy "C:\Users\User\Desktop\18BCN7028_SC-3\18BCN7028.txt" "C:\Users\User\Desktop\18BCN7028_SC
-3\18BCN7028-6.txt"
```

Name	Date modified	Type	Size
18BCN7028	20-02-2021 11:16	Text Document	0 KB
18BCN7028-1	20-02-2021 11:16	Text Document	0 KB
18BCN7028-2	20-02-2021 11:16	Text Document	0 KB
18BCN7028-3	20-02-2021 11:16	Text Document	0 KB
18BCN7028-4	20-02-2021 11:16	Text Document	0 KB
18BCN7028-5	20-02-2021 11:16	Text Document	0 KB
18BCN7028-6	20-02-2021 11:16	Text Document	0 KB
18BCN7028-7	20-02-2021 11:16	Text Document	0 KB
18BCN7028-8	20-02-2021 11:16	Text Document	0 KB
18BCN7028-9	20-02-2021 11:16	Text Document	0 KB
18BCN7028-10	20-02-2021 11:16	Text Document	0 KB
18BCN7028-11	20-02-2021 11:16	Text Document	0 KB
18BCN7028-12	20-02-2021 11:16	Text Document	0 KB
18BCN7028-13	20-02-2021 11:16	Text Document	0 KB
18BCN7028-14	20-02-2021 11:16	Text Document	0 KB
18BCN7028-15	20-02-2021 11:16	Text Document	0 KB
18BCN7028-16	20-02-2021 11:16	Text Document	0 KB
18BCN7028-17	20-02-2021 11:16	Text Document	0 KB
18BCN7028-18	20-02-2021 11:16	Text Document	0 KB
18BCN7028-19	20-02-2021 11:16	Text Document	0 KB
18BCN7028-20	20-02-2021 11:16	Text Document	0 KB
18BCN7028-21	20-02-2021 11:16	Text Document	0 KB
18BCN7028-22	20-02-2021 11:16	Text Document	0 KB
18BCN7028-23	20-02-2021 11:16	Text Document	0 KB
18BCN7028-24	20-02-2021 11:16	Text Document	0 KB
18BCN7028-25	20-02-2021 11:16	Text Document	0 KB
18BCN7028-26	20-02-2021 11:16	Text Document	0 KB
18BCN7028-27	20-02-2021 11:16	Text Document	0 KB

scheduled tasks using schtasks

```
C:\Users\User>schtasks

Folder: \
TaskName                                       Next Run Time             Status
==================================== ====================== ==============
Adobe Acrobat Update Task                      20-02-2021 18:00:00       Ready
OneDrive Standalone Update Task-S-1-5-21 20-02-2021 20:18:30       Ready
Quick Heal AntiMalware Scan                    20-02-2021 11:25:00       Ready
Resume Quickup Download                        20-02-2021 11:24:00       Ready
StartCN                                        N/A                       Ready

Folder: \Agent Activation Runtime
TaskName                                       Next Run Time             Status
==================================== ====================== ==============
S-1-5-21-3836355373-2668036411-163457860 N/A                       Disabled

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

Folder: \Microsoft\Office
TaskName                                       Next Run Time             Status
==================================== ====================== ==============
Office 15 Subscription Heartbeat               21-02-2021 04:47:21       Ready
OfficeTelemetryAgentFallBack                   N/A                       Ready
OfficeTelemetryAgentLogOn                      N/A                       Ready

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
```

Find location of a particular application in the System

```
C:\Users\User>where /R C:\ *.exe | findstr chrome.exe
C:\Program Files\Google\Chrome\Application\chrome.exe
^C^C
C:\Users\User>
```

Create a task with specific name to run at a given time

```
C:\Users\User>SCHTASKS /CREATE /SC DAILY /TN "18BCN7028_TASK" /TR "C:\Windows\System32\notepad.exe" /ST 11:25
SUCCESS: The scheduled task "18BCN7028_TASK" has successfully been created.
```

Change the scheduled time of a task

```
C:\Users\User>SCHTASKS /CHANGE /TN "18BCN7028_TASK" /ST 11:40
Please enter the run as password for User: *********

SUCCESS: The parameters of scheduled task "18BCN7028_TASK" have been changed.
```

Delete a scheduled task

```
C:\Users\User>SCHTASKS /DELETE /TN "18BCN7028_TASK"
WARNING: Are you sure you want to remove the task "18BCN7028_TASK" (Y/N)? Y
SUCCESS: The scheduled task "18BCN7028_TASK" was successfully deleted.
```

Create a Scheduled task for weekly

```
C:\Users\User>SCHTASKS /CREATE /SC WEEKLY /TN "18BCN7028_TASK" /TR "C:\Windows\System32\notepad.exe" /ST 11:30
SUCCESS: The scheduled task "18BCN7028_TASK" has successfully been created.

C:\Users\User>SCHTASKS /CREATE /SC WEEKLY /TN "18BCN7028_TASK2" /TR "C:\Windows\System32\notepad.exe" /ST 11:40
SUCCESS: The scheduled task "18BCN7028_TASK2" has successfully been created.
```