

CSE-2010


Secure Coding(L23 + L24)

Lab - 3

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Reg no :- 18BCN7122

How many devices are there in the machine?

 C:\windows\system32\diskpart.exe

```
Microsoft DiskPart version 10.0.19041.610

Copyright (C) Microsoft Corporation.
On computer: LAPTOP-G292I94R

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               238 GB    6144 KB
   Disk 1      Online               931 GB         0 B
```

How many partitions are there in the 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	System	260 MB	1024 KB
Partition 2	Reserved	16 MB	261 MB
Partition 3	Primary	237 GB	277 MB
Partition 4	Recovery	867 MB	237 GB

```
DISKPART> select disk 1
```

Disk 1 is now the selected disk.

```
DISKPART> list partition
```

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	Primary	931 GB	1024 KB

```
DISKPART>
```


































```
DISKPART> list vol
```

Volume ###	Ltr	Label	Fs	Type	Size	Status	Info
Volume 0	C	Windows	NTFS	Partition	237 GB	Healthy	Boot
Volume 1		SYSTEM	FAT32	Partition	260 MB	Healthy	System
Volume 2			NTFS	Partition	867 MB	Healthy	Hidden
Volume 3	D	DATA	NTFS	Partition	931 GB	Healthy	

```
DISKPART>
```

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

```
C:\Users\Shafiq Ahmed>cd Desktop
C:\Users\Shafiq Ahmed\Desktop>mkdir 18BCN7122_LAB-3
C:\Users\Shafiq Ahmed\Desktop>cd 18BCN7122_LAB-3
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>type nul > 18BCN7122.txt
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>for /l %A in (1,1,50) do copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-%A.txt"
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-1.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-2.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-3.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-4.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-5.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-6.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-7.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-8.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-9.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-10.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-11.txt"
1 file(s) copied.
C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3>copy "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122.txt" "C:\Users\Shafiq Ahmed\Desktop\18BCN7122_LAB-3\18BCN7122-12.txt"
1 file(s) copied.
```

<div>  > This PC > Desktop > 18BCN7122_LAB-3 </div>					
	Name	Date modified	Type	Size	
ss	 18BCN7122	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-1	20-02-2021 07:25	Text Document	0 KB	
ds	 18BCN7122-2	20-02-2021 07:25	Text Document	0 KB	
its	 18BCN7122-3	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-4	20-02-2021 07:25	Text Document	0 KB	
:L QUESTION PAPERS	 18BCN7122-5	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-6	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-7	20-02-2021 07:25	Text Document	0 KB	
sks_vdi	 18BCN7122-8	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-9	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-10	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-11	20-02-2021 07:25	Text Document	0 KB	
ts	 18BCN7122-12	20-02-2021 07:25	Text Document	0 KB	
00.12	 18BCN7122-13	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-14	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-15	20-02-2021 07:25	Text Document	0 KB	
its	 18BCN7122-16	20-02-2021 07:25	Text Document	0 KB	
ds	 18BCN7122-17	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-18	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-19	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-20	20-02-2021 07:25	Text Document	0 KB	
(C:)	 18BCN7122-21	20-02-2021 07:25	Text Document	0 KB	
)	 18BCN7122-22	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-23	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-24	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-25	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-26	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-27	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-28	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-29	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-30	20-02-2021 07:25	Text Document	0 KB	
	 18BCN7122-31	20-02-2021 07:25	Text Document	0 KB	

Check the scheduled tasks using schtasks

```

=====
NotificationTask                N/A                Ready
OobeDiscovery                   N/A                Disabled

Folder: \Microsoft\XblGameSave
TaskName                        Next Run Time      Status
=====
XblGameSaveTask                N/A                Ready

Folder: \Mozilla
TaskName                        Next Run Time      Status
=====
Firefox Default Browser Agent 308046B0AF 18-02-2021 12:34:13 Ready

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

Folder: \MySQL\Installer
TaskName                        Next Run Time      Status
=====
ManifestUpdate                 19-02-2021 00:00:00 Ready

Folder: \S-1-5-21-1016402861-3766264797-1798141048-1001
TaskName                        Next Run Time      Status
=====
DataSenseLiveTileTask          N/A                Disabled

C:\Users\Shafiq Ahmed>schtasks

```

Command to find location of a particular application in the System?

```

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

C:\Users\Shafiq Ahmed>where /R C:\ *.exe | findstr firefox.exe
C:\Program Files\Mozilla Firefox\firefox.exe
^^^C

C:\Users\Shafiq Ahmed>where /R C:\ *.exe | findstr chrome.exe
C:\Program Files (x86)\Google\Chrome\Application\chrome.exe
C:\Users\Shafiq Ahmed\AppData\Local\chromium\Application\chrome.exe
^^^C

```

Create a task 18BCN7122_Task1 to run on a specific time

```
C:\Users\Shafiq Ahmed>SCHTASKS /CREATE /SC DAILY /TN "18BCN7122_Task1" /TR "C:\Windows\System32\notepad.exe" /ST 07:40
SUCCESS: The scheduled task "18BCN7122_Task1" has successfully been created.

C:\Users\Shafiq Ahmed>
```

Change the time of the scheduled task

```
C:\Users\Shafiq Ahmed>
C:\Users\Shafiq Ahmed>SCHTASKS /CHANGE /TN "18BCN7122_Task1" /ST 11:00
Please enter the run as password for Shafiq Ahmed: *****

SUCCESS: The parameters of scheduled task "18BCN7122_Task1" have been changed.

C:\Users\Shafiq Ahmed>
```

Delete the scheduled task

```
C:\Users\Shafiq Ahmed>SCHTASKS /DELETE /TN "MyTasks\notepad task"
ERROR: The specified task name "MyTasks\notepad task" does not exist in the system.

C:\Users\Shafiq Ahmed>
C:\Users\Shafiq Ahmed>SCHTASKS /DELETE /TN "18BCN7122_Task1"
WARNING: Are you sure you want to remove the task "18BCN7122_Task1" (Y/N)? Y
SUCCESS: The scheduled task "18BCN7122_Task1" was successfully deleted.

C:\Users\Shafiq Ahmed>
```

Schedule an another task to run only on weekdays

```
C:\Users\Shafiq Ahmed>SHTASKS /CREATE /SC WEEKLY /TN "18BCN7122_Task1" /TR "C:\Windows\System32\notepad.exe" /ST 11:00
SUCCESS: The scheduled task "18BCN7122_Task1" has successfully been created.

C:\Users\Shafiq Ahmed>
```

Schedule an another task to run only on weekends

```
C:\Users\Shafiq Ahmed>SHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCN7122_Task2" /TR "C:\Windows\System32\notepad.exe" /ST 11:00
SUCCESS: The scheduled task "18BCN7122_Task2" has successfully been created.

C:\Users\Shafiq Ahmed>
```