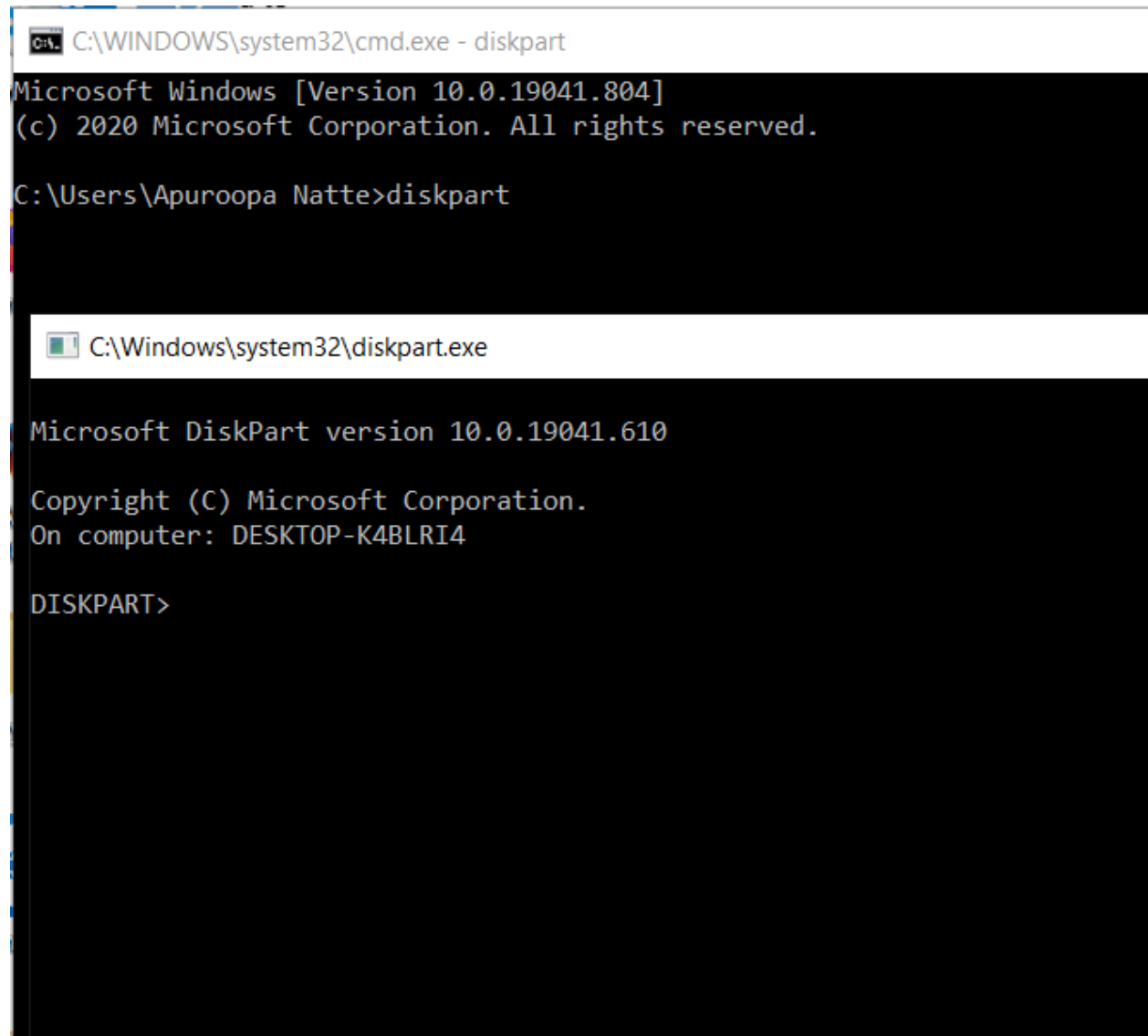


LAB-3:
SECURE CODING

Apuroopa Natte
18BCE7055



The image shows two screenshots of a Windows command prompt. The top screenshot shows a command prompt window titled "C:\WINDOWS\system32\cmd.exe - diskpart". The text inside the window reads: "Microsoft Windows [Version 10.0.19041.804] (c) 2020 Microsoft Corporation. All rights reserved. C:\Users\Apuroopa Natte>diskpart". The bottom screenshot shows a DiskPart utility window titled "C:\Windows\system32\diskpart.exe". The text inside the window reads: "Microsoft DiskPart version 10.0.19041.610 Copyright (C) Microsoft Corporation. On computer: DESKTOP-K4BLRI4 DISKPART>".

```
C:\WINDOWS\system32\cmd.exe - diskpart

Microsoft Windows [Version 10.0.19041.804]
(c) 2020 Microsoft Corporation. All rights reserved.


C:\Users\Apuroopa Natte>diskpart


C:\Windows\system32\diskpart.exe

Microsoft DiskPart version 10.0.19041.610

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-K4BLRI4

DISKPART>
```

 C:\Windows\system32\diskpart.exe

DISKPART> listdisk

Microsoft DiskPart version 10.0.19041.610

ACTIVE	- Mark the selected partition as active.
ADD	- Add a mirror to a simple volume.
ASSIGN	- Assign a drive letter or mount point to the selected volume.
ATTRIBUTES	- Manipulate volume or disk attributes.
ATTACH	- Attaches a virtual disk file.
AUTOMOUNT	- Enable and disable automatic mounting of basic volumes.
BREAK	- Break a mirror set.
CLEAN	- Clear the configuration information, or all information, off the disk.
COMPACT	- Attempts to reduce the physical size of the file.
CONVERT	- Convert between different disk formats.
CREATE	- Create a volume, partition or virtual disk.
DELETE	- Delete an object.
DETAIL	- Provide details about an object.
DETACH	- Detaches a virtual disk file.
EXIT	- Exit DiskPart.
EXTEND	- Extend a volume.
EXPAND	- Expands the maximum size available on a virtual disk.
FILESYSTEMS	- Display current and supported file systems on the volume.
FORMAT	- Format the volume or partition.
GPT	- Assign attributes to the selected GPT partition.
HELP	- Display a list of commands.
IMPORT	- Import a disk group.
INACTIVE	- Mark the selected partition as inactive.
LIST	- Display a list of objects.
MERGE	- Merges a child disk with its parents.

C:\Windows\system32\diskpart.exe

DISKPART> listpartition

Microsoft DiskPart version 10.0.19041.610

ACTIVE	- Mark the selected partition as active.
ADD	- Add a mirror to a simple volume.
ASSIGN	- Assign a drive letter or mount point to the selected volume.
ATTRIBUTES	- Manipulate volume or disk attributes.
ATTACH	- Attaches a virtual disk file.
AUTOMOUNT	- Enable and disable automatic mounting of basic volumes.
BREAK	- Break a mirror set.
CLEAN	- Clear the configuration information, or all information, off the disk.
COMPACT	- Attempts to reduce the physical size of the file.
CONVERT	- Convert between different disk formats.
CREATE	- Create a volume, partition or virtual disk.
DELETE	- Delete an object.
DETAIL	- Provide details about an object.
DETACH	- Detaches a virtual disk file.
EXIT	- Exit DiskPart.
EXTEND	- Extend a volume.
EXPAND	- Expands the maximum size available on a virtual disk.
FILESYSTEMS	- Display current and supported file systems on the volume.
FORMAT	- Format the volume or partition.
GPT	- Assign attributes to the selected GPT partition.
HELP	- Display a list of commands.
IMPORT	- Import a disk group.
INACTIVE	- Mark the selected partition as inactive.
LIST	- Display a list of objects.
MERGE	- Merges a child disk with its parents.

C:\>where /R C: \ Chrome.exe

C:\Users\Apuroopa Natte\AppData\Local\Google\Chrome\Application\chrome.exe

[illegible]

f1

24-02-2021 19:50

File folder

```
C:\Users\Apuroopa Natte\Downloads\fl>for /l %x in (1,1,20) do (if exist tempfile%x.txt(del tempfile%x.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile1.txt(del tempfile1.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile2.txt(del tempfile2.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile3.txt(del tempfile3.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile4.txt(del tempfile4.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile5.txt(del tempfile5.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile6.txt(del tempfile6.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile7.txt(del tempfile7.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile8.txt(del tempfile8.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile9.txt(del tempfile9.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile10.txt(del tempfile10.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile11.txt(del tempfile11.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile12.txt(del tempfile12.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile13.txt(del tempfile13.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile14.txt(del tempfile14.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile15.txt(del tempfile15.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile16.txt(del tempfile16.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile17.txt(del tempfile17.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile18.txt(del tempfile18.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile19.txt(del tempfile19.txt)
C:\Users\Apuroopa Natte\Downloads\fl>(if exist tempfile20.txt(del tempfile20.txt)
```

cmd Select C:\WINDOWS\system32\cmd.exe

C:\Users\Apuroopa Natte\Downloads\1>schtasks

Folder: \

TaskName	Next Run Time	Status
Dell SupportAssistAgent AutoUpdate	25-02-2021 16:21:58	Ready
GoogleUpdateTaskUserS-1-5-21-3408736458-	24-02-2021 22:56:09	Ready
GoogleUpdateTaskUserS-1-5-21-3408736458-	24-02-2021 20:56:09	Ready
McAfeeLogon	N/A	Ready
NvDriverUpdateCheckDaily_{B2FE1952-0186-	25-02-2021 12:25:19	Ready
NVIDIA GeForce Experience SelfUpdate_{B2	N/A	Ready
NvNodeLauncher_{B2FE1952-0186-46C3-BAEC-	N/A	Ready
NvProfileUpdaterDaily_{B2FE1952-0186-46C	25-02-2021 12:25:13	Ready
NvProfileUpdaterOnLogon_{B2FE1952-0186-4	N/A	Ready
NvTmMon_{B2FE1952-0186-46C3-BAEC-A80AA35	N/A	Ready
NvTmRepOnLogon_{B2FE1952-0186-46C3-BAEC-	N/A	Ready
NvTmRep_{B2FE1952-0186-46C3-BAEC-A80AA35	25-02-2021 12:25:13	Ready
OneDrive Standalone Update Task-S-1-5-21	25-02-2021 21:22:17	Ready

Folder: \Agent Activation Runtime

TaskName	Next Run Time	Status
S-1-5-21-3408736458-2427525567-243189982	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 Automatic Updates 2.0	25-02-2021 04:09:48	Ready
Office ClickToRun Service Monitor	25-02-2021 07:32:04	Ready
Office Feature Updates	25-02-2021 01:24:56	Ready
Office Feature Updates Logon	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
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```
C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCE7122_TASK1\Notepad task" /TR "C:\WINDOWS\system32\notepad.exe" /ST 11:00
SUCCESS: The scheduled task "18BCE7122_TASK1\Notepad task" has successfully been created.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCE7055_TASK1\Notepad task" /TR "C:\WINDOWS\system32\notepad.exe" /ST 11:00
SUCCESS: The scheduled task "18BCE7055_TASK1\Notepad task" has successfully been created.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCE7055_TASK1\Notepad task" /TR "C:\WINDOWS\system32\notepad.exe" /ST 13:00
WARNING: The task name "18BCE7055_TASK1\Notepad task" already exists. Do you want to replace it (Y/N)? Y
SUCCESS: The scheduled task "18BCE7055_TASK1\Notepad task" has successfully been created.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /DELETE /TN "18BCE7055_TASK1\Notepad task"
WARNING: Are you sure you want to remove the task "18BCE7055_TASK1\Notepad task" (Y/N)? Y
SUCCESS: The scheduled task "18BCE7055_TASK1\Notepad task" was successfully deleted.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /CREATE /SC WEEKLY /D MON,TUE,WED,THU,FRI /TN "18BCE7055_WEEKDAYS\Notepad task" /TR "C:\Windows\System32\notepad.exe" /ST 13:00
SUCCESS: The scheduled task "18BCE7055_WEEKDAYS\Notepad task" has successfully been created.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /DELETE /TN "18BCE7055_WEEKENDS\Notepad task"
ERROR: The specified task name "18BCE7055_WEEKENDS\Notepad task" does not exist in the system.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /CREATE /SC WEEKLY /D SAT,SUN /TN "18BCE7055_WEEKENDS\Notepad task" /TR "C:\Windows\System32\notepad.exe" /ST 13:00
SUCCESS: The scheduled task "18BCE7055_WEEKENDS\Notepad task" has successfully been created.

C:\Users\Apuroopa Natta\Downloads\fl>SCHTASKS /DELETE /TN "18BCE7055_WEEKENDS\Notepad task"
WARNING: Are you sure you want to remove the task "18BCE7055_WEEKENDS\Notepad task" (Y/N)? Y
SUCCESS: The scheduled task "18BCE7055_WEEKENDS\Notepad task" was successfully deleted.

C:\Users\Apuroopa Natta\Downloads\fl>
```