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LAB EXPERIMENT 2

Question 1:

Silent installation of a software using msieexec command in cmd

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.18363.1316]
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C:\Windows\system32>msieexec.exe /i "C:/Users/Lenovo/Downloads/putty-64bit-0.70-installer.msi" /quiet /qn /norestart
```

Installation taking place without being notified by the system

Question 2:

Who has the highest privilege in an OS?

The **SYSTEM** has the highest privilege. There are some tasks where the user cannot end and when the user tries to end the task a dialogue box appears stating that “Access Denied” showing that there is a higher privileged entity which is the **SYSTEM**.

Question 3:

Find the details of the current user

```
C:\Windows\system32>whoami  
desktop-2tf9kqg\lenovo
```

Question 4:

In what form is our folders organized and of which type?

The folders are arranged in the form of **tree** data structure and their type is **hierarchical**.

```
C:\Administrator: Command Prompt  
C:\Windows\System32> tree C:\Users\Lenovo\Documents  
Folder PATH listing  
Volume serial number is E416-CA74  
C:\USERS\LENOVO\DOCUMENTS  
|   --Custom Office Templates  
|       R--win-library  
|           |   3.5  
|           |       --class  
|           |           --help  
|           |           --html  
|           |           --libs  
|           |               --i386  
|           |               --x64  
|           |       --Meta  
|           |           --po  
|           |               --de  
|           |                   --LC_MESSAGES  
|           |               --en@quot  
|           |                   --LC_MESSAGES  
|           |               --fr  
|           |                   --LC_MESSAGES  
|           |               --it  
|           |                   --LC_MESSAGES  
|           |               --ko  
|           |                   --LC_MESSAGES  
|           |               --pl  
|           |                   --LC_MESSAGES  
|           R--cluster  
|               --data  
|               --help  
|               --html  
|               --libs  
|                   --i386  
|                   --x64  
|               --Meta  
|               --po  
|                   --de  
|                       --LC_MESSAGES  
|                   --en@quot  
|                       --LC_MESSAGES  
|                   --fr  
|                       --LC_MESSAGES
```

Question 5:

Find the privilege of the user

```
C:\Windows\system32>net user

User accounts for \\DESKTOP-2TF9KQG

-----
Administrator          DefaultAccount        Guest
Lenovo                  WDAGUtilityAccount

The command completed successfully.

C:\Windows\system32>
```

Question 6:

Write down the executable formats in Windows and Linux

The executable formats are .exe, .deb, .sh, .msi, .jar, .bat, .bin, .dll

Question 7:

Usage of “assoc” command.

To find out all file types of a location using assoc command

Administrator: Command Prompt

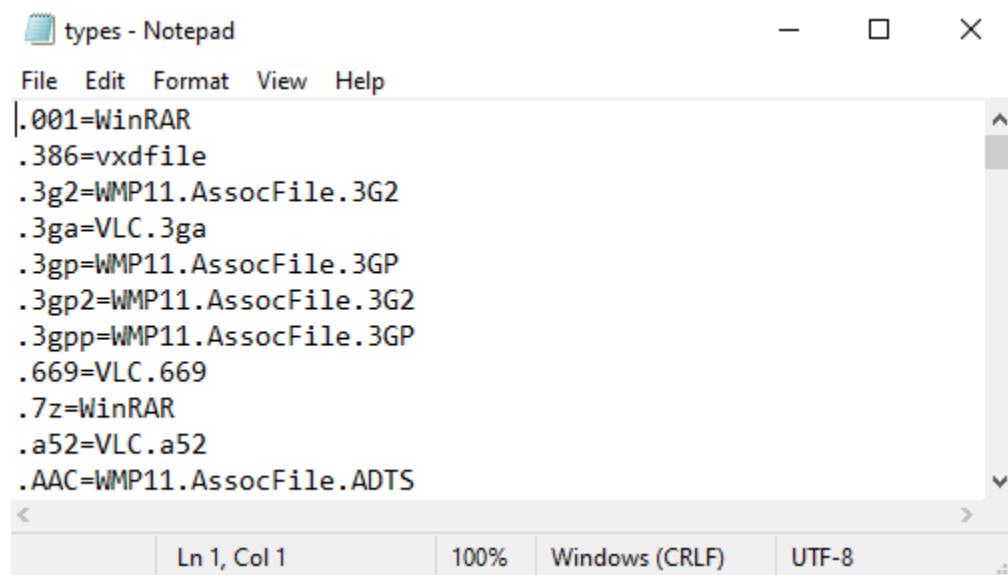
```
C:\Windows\System32>assoc
.001=WinRAR
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3ga=VLC.3ga
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.669=VLC.669
.7z=WinRAR
.a52=VLC.a52
.AAC=WMP11.AssocFile.ADTS
.accda=Access.ACCTYPEExtension.15
.accdb=Access.Application.15
.accdc=Access.ACCTYPEFile.15
.accde=Access.ACCTYPEFile.15
.accdr=Access.ACCTYPEFile.15
.accdt=Access.ACCTYPEFile.15
.accdu=Access.WizardUserDataFile.15
.accdw=Access.WebApplicationReference.15
.accft=Access.ACCTYPEFile.15
.accountpicture-ms=accountpicturefile
.ace=WinRAR
.acl=ACLFile
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ade=Access.ADEFFile.15
.adn=Access.BlankProjectTemplate.15
.adp=Access.Project.15
.ATD=WMP11.AssocFile.ATD
.ATDS=WMP11.AssocFile.ATDS
.aif=VLC.aif
.aifc=VLC.aifc
.aiff=VLC.aiff
.amv=VLC.amv
.ani=anifile
.aob=VLC.aob
.ape=VLC.ape
.api=AcroExch.Plugin
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
.arj=WinRAR
.asa=aspfile
```

Other commands using >,>>,<

assoc>types.txt

```
C:\Windows\System32>assoc>C:\Users\Lenovo\types.txt
```

```
C:\Windows\System32>
```



A screenshot of a Windows Notepad window titled "types - Notepad". The window contains a list of file extensions and their associated programs. The text in the Notepad is as follows:

```
.001=WinRAR
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3ga=VLC.3ga
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.669=VLC.669
.7z=WinRAR
.a52=VLC.a52
.AAC=WMP11.AssocFile.ADTS
```

The Notepad window has a standard Windows title bar with File, Edit, Format, View, and Help menus. The status bar at the bottom shows Ln 1, Col 1, 100%, Windows (CRLF), and UTF-8.

Ipconfig>>netdata.txt

```
C:\Windows\System32>ipconfig>>C:\Users\Lenovo\netdata.txt
```

```
C:\Windows\System32>
```

netdata - Notepad

File Edit Format View Help

Windows IP Configuration

Ethernet adapter Ethernet:

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

Wireless LAN adapter Local Area Connection* 1:

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

Wireless LAN adapter Local Area Connection* 2:

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

Ethernet adapter VMware Network Adapter VMnet1:

```
Connection-specific DNS Suffix . :  
Link-local IPv6 Address . . . . . : fe80::fcdd:627b:8d89:5422%19  
IPv4 Address. . . . . : 192.168.11.1  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . :
```

Ethernet adapter VMware Network Adapter VMnet8:

```
Connection-specific DNS Suffix . :  
Link-local IPv6 Address . . . . . : fe80::25b6:2e54:a938:81a2%20  
IPv4 Address. . . . . : 192.168.180.1  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . :
```

Wireless LAN adapter Wi-Fi:

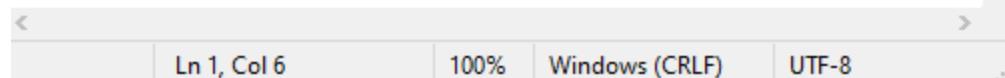
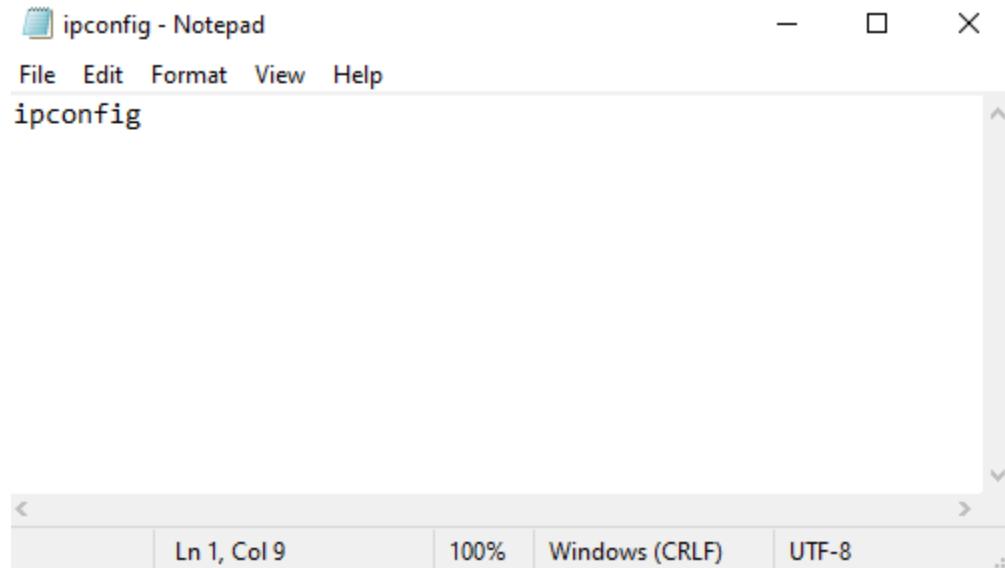
Sort<textfilename.txt

Here textfilename-ipconfig.txt

```
C:\Windows\System32>sort<C:\Users\Lenovo\ipconfig.txt  
ipconfig
```

```
C:\Windows\System32>sort<C:\Users\Lenovo\ipconfig.txt  
apple
```

```
C:\Windows\System32>
```



Reset and enter new time:

```
C:\Windows\System32>time  
The current time is: 17:14:22.59  
Enter the new time:
```

Pushd and Popd operations:

These operations are used for file switching by moving forward or backward. The above two operations remove the need of “cd”

```
C:\Windows\System32>pushd C:\Users\Lenovo\Downloads  
C:\Users\Lenovo\Downloads>popd C:\Windows\System32  
C:\Windows\System32>
```

With cd:

```
C:\Windows\System32>cd /d C:\Users\Lenovo\Downloads  
C:\Users\Lenovo\Downloads>cd /d C:\Windows\System32  
C:\Windows\System32>
```