

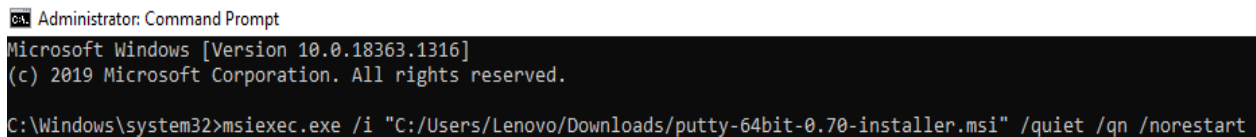
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LAB EXPERIMENT 2

Question 1:

Silent installation of a software using msixec command in cmd



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.18363.1316]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Windows\system32>msixec.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**.

```
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

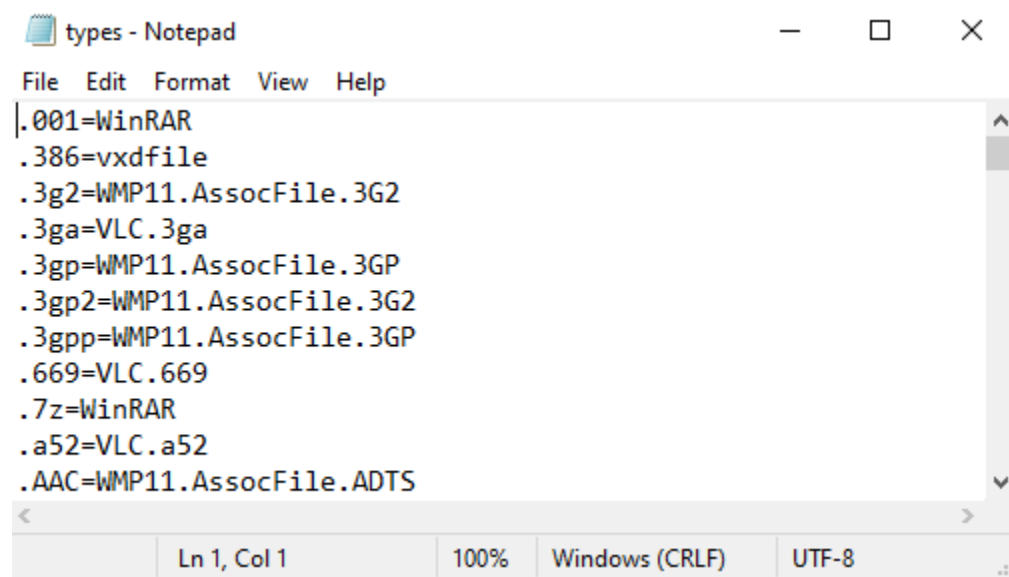
Administrator: Command Prompt

```
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.ACCEAExtension.15
.accdb=Access.Application.15
.accdc=Access.ACCECFile.15
.accde=Access.ACCEDEFile.15
.accdr=Access.ACCEDRFile.15
.accdt=Access.ACCEDTFile.15
.accdw=Access.WizardUserDataFile.15
.accdw=Access.WebApplicationReference.15
.accft=Access.ACCEFTFile.15
.accountpicture-ms=accountpicturefile
.ace=WinRAR
.acl=ACLFile
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ade=Access.ADEFile.15
.adn=Access.BlankProjectTemplate.15
.adp=Access.Project.15
.ADT=WMP11.AssocFile.ADTS
.ADTS=WMP11.AssocFile.ADTS
.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>
```



types - Notepad

File Edit Format View Help

.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

Ln 1, Col 1 100% Windows (CRLF) 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:

<

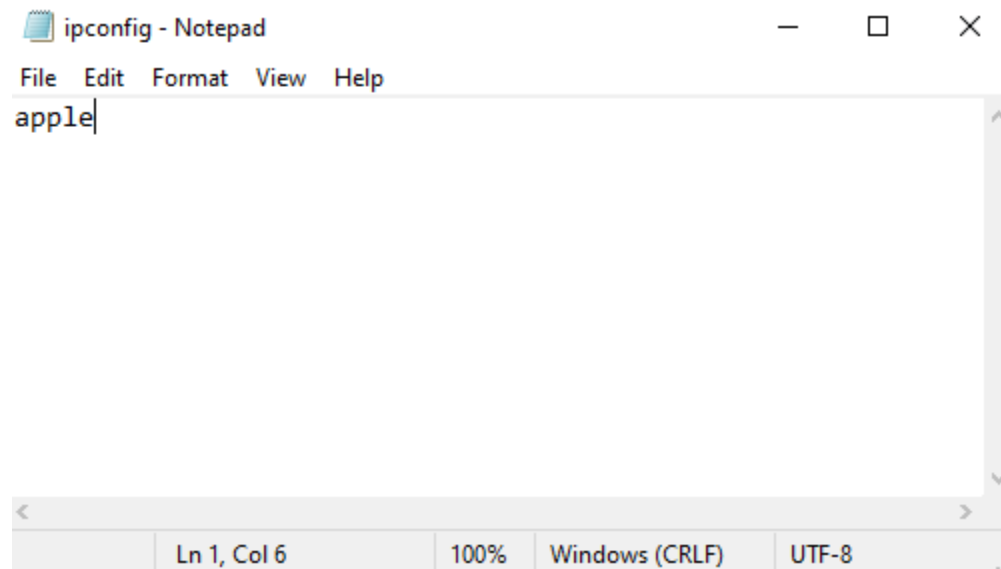
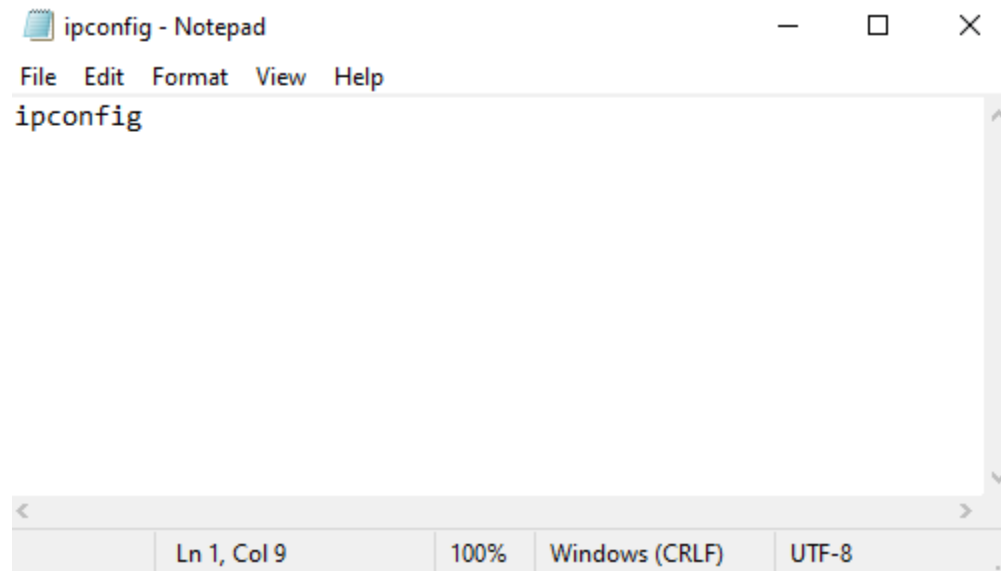
Sort<textfilename.txt

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>
```