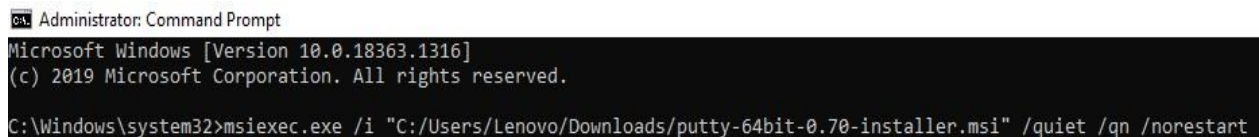# NAME-SLVN YASWANTH

REGNO-19BCE7450

LAB EXPERIMENT 2

Question 1:

Silent installation of a software using msiexec command in cmd

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

C:\Windows\system32>msiexec.exe /i "C:/Users/Lenovo/Downloads/putty-64bit-0.70-installer.msi" /quiet /qn /norestart
```

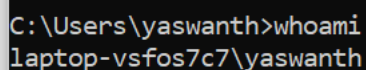**Installation taking place without being notified by the system**

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:\Users\yaswanth>whoami
laptop-vsfos7c7\yaswanth
```

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:\Users\yaswanth>tree c:\users\yaswanth\documents
Folder PATH listing for volume Windows-SSD
Volume serial number is 000000A2 E4BE:6015
C:\USERS\YASWANTH\DOCUMENTS
├───build
│   └───hwsch
├───coa
│   └───qp
├───computer networks
│   ├───ac
│   │   └───sanjith
│   ├───qp
│   └───sanjith
├───computer networks lab
├───Custom Office Templates
├───DBMS
│   ├───dbms lab
│   │   └───assi2
│   └───MODELQP
├───dist
├───Documents
├───FDA
│   ├───FDA LAB
│   └───MODEL PAPERS
│       └───CAT1
├───linear algebra
│   ├───assignment
│   └───QPS
├───lsm
│   ├───design
│   └───qp
├───python
│   └───.vscode
├───scorpion
├───secure coding
│   ├───qp
│   ├───sclab
│   │   └───xss
```

Question 5:

Find the privilege of the user

```
Microsoft Windows [Version 10.0.19043.1023]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yaswanth>net user

User accounts for \\LAPTOP-VSFOS7C7

-------------------------------------------------------------
Administrator            DefaultAccount            Guest
WDAGUtilityAccount          yaswanth
The command completed successfully.


C:\Users\yaswanth>
```

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

```
C:\Users\yaswanth>assoc
.386=vxdfile
.3g2=VLC.3g2
.3ga=VLC.3ga
.3gp=VLC.3gp
.3gp2=VLC.3gp2
.3gpp=VLC.3gpp
.669=VLC.669
.7z=WinRAR
.a52=VLC.a52
.AAC=VLC.aac
.ac3=VLC.ac3
.accountpicture-ms=accountpicturefile
.ace=WinRAR
.acl=ACLFile
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ADT=VLC.adt
.ADTS=VLC.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
.asf=VLC.asf
.asp=aspfile
.asx=VLC.asx
.au=VLC.au
.avi=VLC.avi
.aw=AWFile
.b4s=VLC.b4s
.bat=batfile
.bik=VLC.bik
```

Other commands using >,>>,< **assoc>types.txt**

```
C:\Users\yaswanth>assoc >c:\users\yaswanth\documents\sc_assoc.txt

C:\Users\yaswanth>
```

sc_assoc - Notepad

File Edit Format View Help

```
.386=vxdfile
.3g2=VLC.3g2
.3ga=VLC.3ga
.3gp=VLC.3gp
.3gp2=VLC.3gp2
.3gpp=VLC.3gpp
.669=VLC.669
.7z=WinRAR
.a52=VLC.a52
.AAC=VLC.aac
.ac3=VLC.ac3
.accountpicture-ms=accountpicturefile
.ace=WinRAR
.acl=ACLFile
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ADT=VLC.adt
.ADTS=VLC.adts
.aif VLC aif
```

Ipconfig>>sc_ipconfig

C:\Users\yaswanth>ipconfig>>c:\users\yaswanth\documents\sc_ipconfig

C:\Users\yaswanth>

sc_ipconfig - Notepad

File Edit Format View Help

Windows IP Configuration

Ethernet adapter Ethernet 2:

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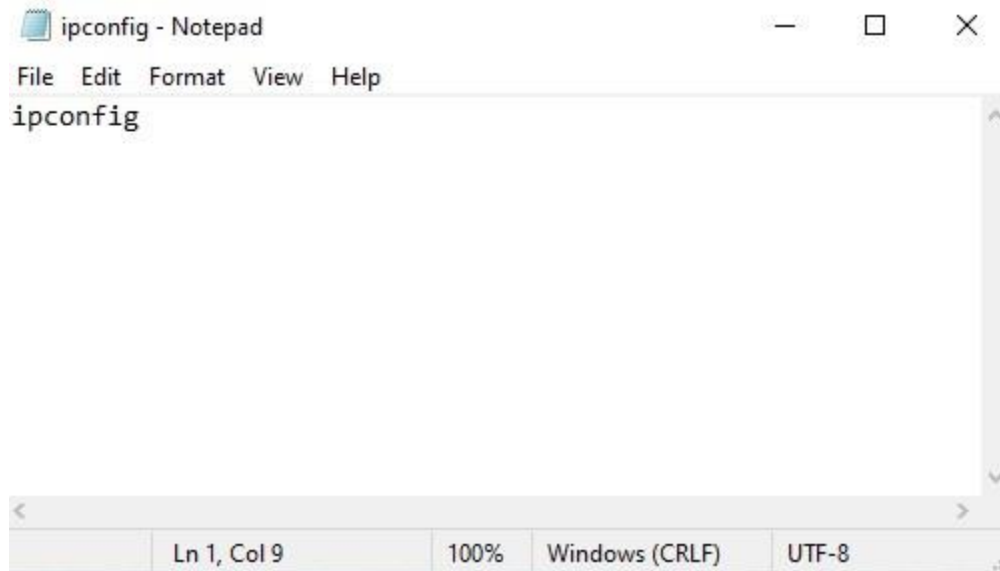   Connection-specific DNS Suffix . :

Ethernet adapter VirtualBox Host-Only Network:

   Connection-specific DNS Suffix . :
   Link-local IPv6 Address . . . . . : fe80::dc4:9272:ded:2a7b%9
   IPv4 Address. . . . . : 192.168.56.1
   Subnet Mask . . . . : 255.255.255.0
   Default Gateway . . . . :

Wireless LAN adapter Local Area Connection* 1:

Sort<textfilename.txt

Here textfilename-ipconfig.txt

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

```
ipconfig - Notepad                              —    □    ✕
File  Edit  Format  View  Help
ipconfig




Ln 1, Col 9          100%    Windows (CRLF)    UTF-8
```

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>
```