

Secure Coding (CSE 2010)

LAB Experiment: 2

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Done by,

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Question 1: Install a software silently

Ans:

```
Command Prompt

C:\Users\91630>msiexec.exe /i readerdc_en_ka_cra_install.exe /qn/norestart

C:\Users\91630>_
```

Question 2: Who has the highest privilege in a machine/OS?

Ans: In an OS/machine the SYSTEM directory has the highest privilege, higher than the system administrator.

```
Command Prompt

Microsoft Windows [Version 10.0.19042.746]
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C:\Users\91630>whoami
laptop-fju37e7c\91630

C:\Users\91630>net user

User accounts for \\LAPTOP-FJU37E7C

-----
91630                Administrator        DefaultAccount
Guest                WDAGUtilityAccount
The command completed successfully.

C:\Users\91630>_
```

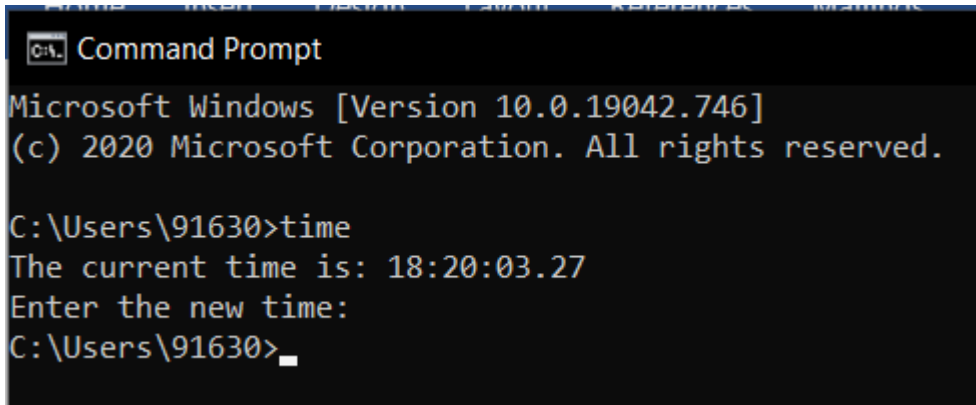
Question 3: What is the structure of your file system?

Ans: Files are stored in a hierarchical tree structure.

```
C:\Users\91630>tree
Folder PATH listing for volume OS
Volume serial number is 8070-1FB3
C:.
|_ .dbus-keyrings
|_ .idlerc
|_ .matplotlib
|_ 3D Objects
|_ ansel
|_ Cisco Packet Tracer 7.3.1
|   |_ extensions
|   |_ logs
|   |_ saves
|   |_ templates
|_ Contacts
|_ Documents
|_ Downloads
|   |_ B9ECED6F.ASUSPCAssistant_qmba6cd70vzyy!App
|   |   |_ Link_to_MyASUS
|   |_ DISK1
|   |   |_ response
|   |   |_ upgrade
|   |_ golden_section_method
|   |_ Gouraud-Shading-and-Phong-Shading-master
|   |   |_ PhongShading
|   |       |_ .vs
|   |           |_ PhongShading
|   |               |_ v14
|   |               |_ TemplateProject
|   |                   |_ v14
|   |_ CWC
```

Question 4: Reset the time in the System Clock through command prompt.

Ans:

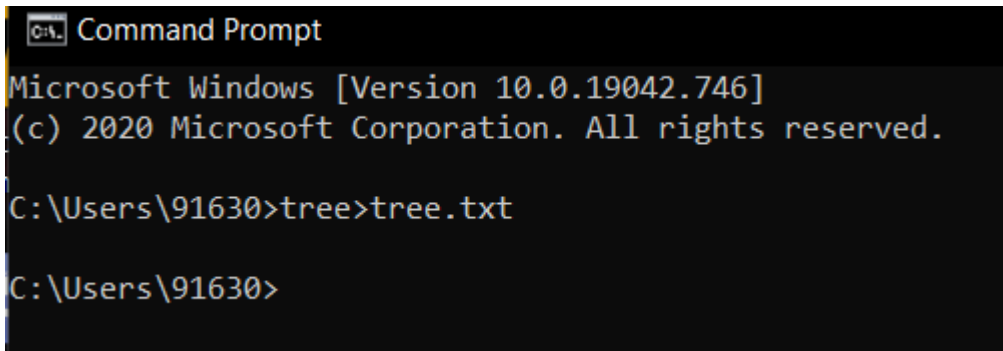


```
Command Prompt
Microsoft Windows [Version 10.0.19042.746]
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C:\Users\91630>time
The current time is: 18:20:03.27
Enter the new time:
C:\Users\91630>
```

Question 5: Implement Redirection operators.

'>' operator:

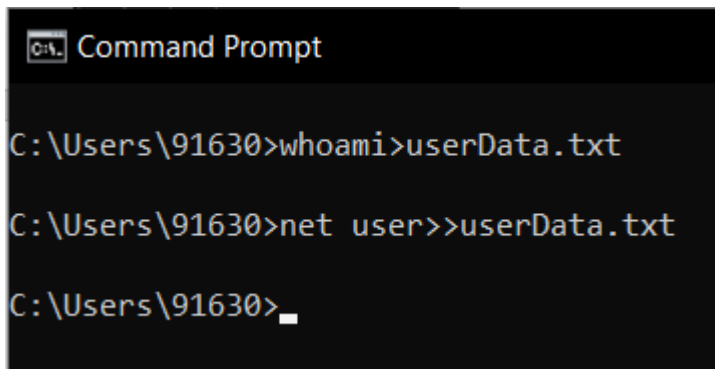


```
Command Prompt
Microsoft Windows [Version 10.0.19042.746]
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C:\Users\91630>tree>tree.txt

C:\Users\91630>
```

'>>' operator:



```
Command Prompt

C:\Users\91630>whoami>userData.txt

C:\Users\91630>net user>>userData.txt

C:\Users\91630>
```

'<' operator:

```
C:\Users\91630>sort<userData.txt

-----
91630          Administrator          DefaultAccount
Guest          WDAGUtilityAccount
laptop-fju37e7c\91630
The command completed successfully.
User accounts for \\LAPTOP-FJU37E7C

C:\Users\91630>_
```

'|' operator:

```
C:\Users\91630>net user|sort

-----
91630          Administrator          DefaultAccount
Guest          WDAGUtilityAccount
The command completed successfully.
User accounts for \\LAPTOP-FJU37E7C

C:\Users\91630>
```

Question 6: Directory operations

```
C:\Users\91630>mkdir test

C:\Users\91630>copy tree test
The system cannot find the file specified.

C:\Users\91630>copy C:\Users\91630\tree.txt C:\Users\91630\test\
1 file(s) copied.

C:\Users\91630>copy userData.txt test\
1 file(s) copied.

C:\Users\91630>copy types.txt test\
1 file(s) copied.

C:\Users\91630>del tree.txt userData.txt types.txt

C:\Users\91630>rd test
The directory is not empty.

C:\Users\91630>del test
C:\Users\91630\test\*, Are you sure (Y/N)? y

C:\Users\91630>rd test

C:\Users\91630>cd /d D:

D:\>mkdir secCodExp2

D:\>cd secCodExp2

D:\secCodExp2>assoc>types.txt

D:\secCodExp2>ipconfig>>types.txt

D:\secCodExp2>cd..

D:\>ren secCodExp2 ScExp2
```