

Ex.No: 2
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Secure Coding

1.How to install a software silently

```
C:\WINDOWS\system32>msiexec /i "C:\Users\ganga\Downloads\Firefox Setup 14.0.1.msi" /qn
```

2.Whoami- gives current username

```
C:\Users\ganga>whoami  
laptop-oreud2v6\ganga
```

3.net user - gives all user privileges

```
C:\Users\ganga>net user  
  
User accounts for \\LAPTOP-OREUD2V6  
  
-----  
Administrator          DefaultAccount          ganga  
Guest                   WDAGUtilityAccount  
The command completed successfully.
```

4.tree - displays all files from root to end

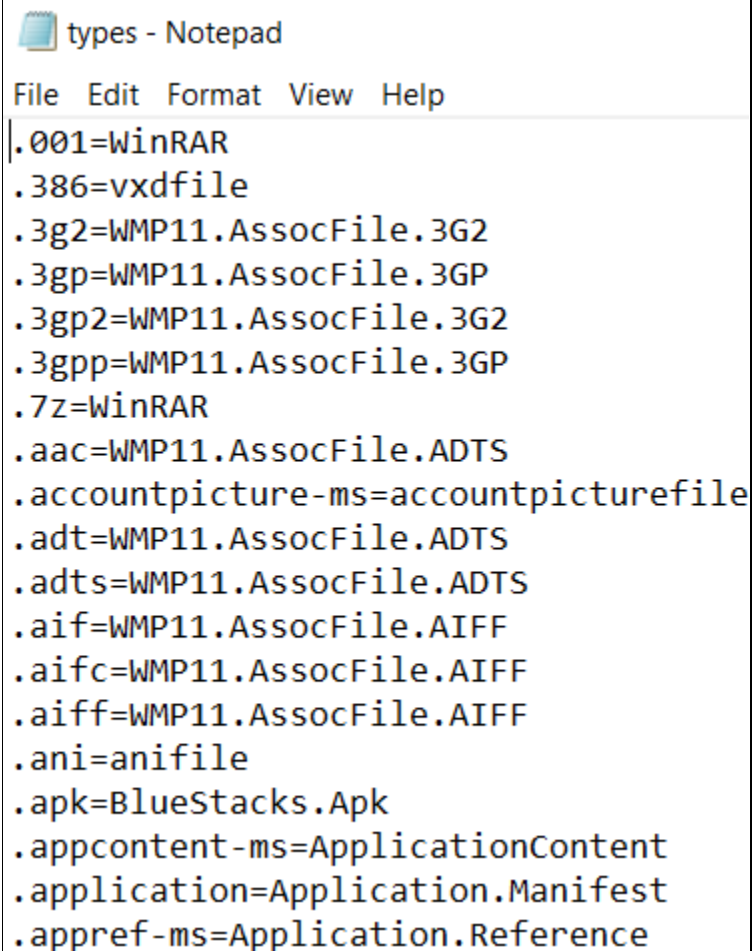
```
C:\Users\ganga>tree  
Folder PATH listing for volume Windows  
Volume serial number is E075-94B0  
C:.  
|  
|_ .android  
|   |  
|   |_ avd  
|       |  
|       |_ Pixel_3a_API_28.avd  
|           |  
|           |_ data  
|               |  
|               |_ misc  
|                   |  
|                   |_ misc
```

5.assoc - gives all file formats in your system

```
C:\Users\ganga>assoc
.001=WinRAR
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.7z=WinRAR
.aac=WMP11.AssocFile.ADTS
.accountpicture-ms=accountpicturefile
.adt=WMP11.AssocFile.ADTS
.adts=WMP11.AssocFile.ADTS
.aif=WMP11.AssocFile.AIFF
.aifc=WMP11.AssocFile.AIFF
.aiff=WMP11.AssocFile.AIFF
```

Output stored in types.txt

```
C:\Users\ganga>assoc >types.txt
```



types - Notepad

File Edit Format View Help

```
.001=WinRAR
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.7z=WinRAR
.aac=WMP11.AssocFile.ADTS
.accountpicture-ms=accountpicturefile
.adt=WMP11.AssocFile.ADTS
.adts=WMP11.AssocFile.ADTS
.aif=WMP11.AssocFile.AIFF
.aifc=WMP11.AssocFile.AIFF
.aiff=WMP11.AssocFile.AIFF
.ani=anifile
.apk=BlueStacks.Apk
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
```

6.time - to reset time

```
C:\Users\ganga>time
The current time is: 17:42:28.66
Enter the new time:
```

7.ipconfig >> types.txt - result is appended at the of the file

```
C:\Users\ganga>ipconfig >>types.txt
```

8.sort < types.txt = sorts data in the given file

```
C:\Users\ganga>sort <types.txt
```

```
Connection-specific DNS Suffix . :
Connection-specific DNS Suffix . :
Connection-specific DNS Suffix . :
Connection-specific DNS Suffix . :
Connection-specific DNS Suffix . :
Connection-specific DNS Suffix . : dlinkrouter
Default Gateway . . . . . :
Default Gateway . . . . . : 192.168.1.1
IPv4 Address. . . . . : 192.168.1.108
IPv4 Address. . . . . : 192.168.56.1
```

9. dir | sort - output of dir is sorted

```
C:\Users\ganga>dir | sort

                5 File(s)                9,622 bytes
                29 Dir(s) 16,492,339,200 bytes free
Directory of C:\Users\ganga
Volume in drive C is Windows
Volume Serial Number is E075-94B0
01/07/2020  21:00    <DIR>          .config
01/07/2020  21:02                320 package-lock.json
```

10. cd - change directory

```
C:\Users\ganga>cd OneDrive

C:\Users\ganga\OneDrive>cd Desktop

C:\Users\ganga\OneDrive\Desktop>
```

11. mkdir - makes a new directory

```
C:\Users\ganga\OneDrive\Desktop>mkdir test1
```

12. ren - renames a directory

```
C:\Users\ganga\OneDrive\Desktop>ren test1 test
```

13. copy - to copy a file

```
C:\Users\ganga\OneDrive\Desktop>copy test1.txt C:\Users\ganga\OneDrive\Desktop\test
1 file(s) copied.
```

14. del - to delete a file

```
C:\Users\ganga\OneDrive\Desktop\test>del test1.txt
```

15. xcopy - copy directories

```
C:\Users\ganga\OneDrive\Desktop>xcopy C:\Users\ganga\OneDrive\Desktop\test C:\Users\ganga\OneDrive\Desktop\secure\ /e

C:\Users\ganga\OneDrive\Desktop\test\New Text Document.txt
1 File(s) copied
```

16. rd - to delete directories

```
C:\Users\ganga\OneDrive\Desktop>rd /s test
test, Are you sure (Y/N)? y
```

17.pushd and popd -The pushd command saves the current working directory in memory so it can be returned to at any time, pushd moves to the parent directory. The popd command returns to the path at the top of the directory stack.

```
C:\Users\ganga>pushd D:\
D:\>popd
```