Name: i khyathi vardhan
Reg.No: 18BCE7252

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.
```
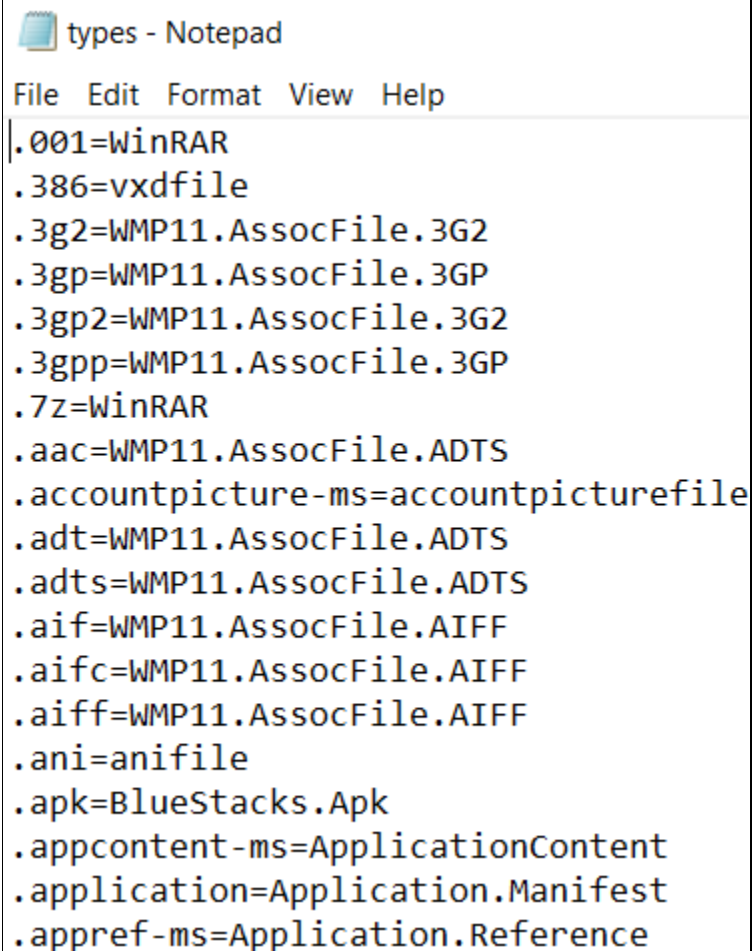
4.tree - displays all files from root to end

```
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
```

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
```