LAB-2:
SECURE CODING

Apuroopa Natte
18BCE7055

Command Prompt

```
Microsoft Windows [Version 10.0.19041.804]
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C:\Users\Apuroopa Natte>msiexec
```

Windows Installer   ✕

Windows ® Installer. V 5.0.19041.1

msiexec /Option <Required Parameter> [Optional Parameter]

Install Options
          </package | /i> <Product.msi>
                    Installs or configures a product
          /a <Product.msi>
                    Administrative install - Installs a product on the network
          /j<u|m> <Product.msi> [/t <Transform List>] [/g <Language ID>]
                    Advertises a product - m to all users, u to current user
          </uninstall | /x> <Product.msi | ProductCode>
                    Uninstalls the product
Display Options
          /quiet
                    Quiet mode, no user interaction
          /passive
                    Unattended mode - progress bar only
          /q[n|b|r|f]
                    Sets user interface level
                    n - No UI
                    b - Basic UI
                    r - Reduced UI
                    f - Full UI (default)

[OK]

Task Manager

File   Options   View

Processes | Performance | App history | Startup | Users | Details | Services

Name	PID	Status	User name	CPU	Memory (ac...	UAC virtualizati...
ProtectedModuleHos...	4476	Running	SYSTEM	00	1,440 K	Not allowed
quickset.exe	13380	Running	Apuroopa ...	00	5,052 K	Disabled
RAVBg64.exe	3308	Running	SYSTEM	00	1,048 K	Not allowed
RAVBg64.exe	14180	Running	Apuroopa ...	00	1,372 K	Disabled
Registry	100	Running	SYSTEM	00	15,844 K	Not allowed
RegSrvc.exe	4176	Running	SYSTEM	00	736 K	Not allowed
RtkAudioService64.exe	3212	Running	SYSTEM	00	660 K	Not allowed
RtkNGUI64.exe	13916	Running	Apuroopa ...	00	2,428 K	Disabled
RuntimeBroker.exe	12184	Running	Apuroopa ...	00	4,140 K	Disabled
RuntimeBroker.exe	11256	Running	Apuroopa ...	00	7,392 K	Disabled
RuntimeBroker.exe					2,300 K	Disabled
RuntimeBroker.exe					2,416 K	Disabled
RuntimeBroker.exe					1,340 K	Disabled
SearchApp.exe					0 K	Disabled
SearchFilterHost.exe					1,020 K	Not allowed
SearchIndexer.exe					0,424 K	Not allowed
SearchProtocolHost.e...					2,804 K	Not allowed
SecurityHealthServic...					2,252 K	Not allowed
SecurityHealthSystray...	13740	Running	Apuroopa ...	00	920 K	Disabled
servicehost.exe	6284	Running	SYSTEM	00	3,660 K	Not allowed
services.exe	968	Running	SYSTEM	00	4,692 K	Not allowed
ServiceShell.exe	9088	Running	SYSTEM	00	4,328 K	Not allowed
SettingSyncHost.exe	10276	Running	Apuroopa ...	00	2,176 K	Disabled

Unable to terminate process

❌ **The operation could not be completed.**

Access is denied.

[OK]

⌃ Fewer details

[End task]

```
C:\Users\Apuroopa Natte>whoami
desktop-k4blri4\apuroopa natte

C:\Users\Apuroopa Natte>net user

User accounts for \\DESKTOP-K4BLRI4

-------------------------------------------------------------------------------
Administrator            Apuroopa Natte           DefaultAccount
Guest                    WDAGUtilityAccount
The command completed successfully.
```

```
C:\Users\Apuroopa Natte>Tree
Folder PATH listing for volume OS
Volume serial number is 0C73-0158
C:.
├───.android
│   └───studio
│       └───installer
├───.eclipse
│   ├───org.eclipse.oomph.jreinfo
│   ├───org.eclipse.oomph.p2
│   │   └───cache
│   ├───org.eclipse.oomph.setup
│   │   ├───cache
│   │   └───setups
│   ├───org.eclipse.oomph.setup.installer
│   └───org.eclipse.tips.state
│       └───org.eclipse.tips.ide.state
├───.gradle
│   ├───caches
│   │   ├───6.5
│   │   │   ├───executionHistory
│   │   │   ├───file-changes
│   │   │   ├───fileContent
│   │   │   ├───fileHashes
│   │   │   ├───generated-gradle-jars
│   │   │   ├───javaCompile
│   │   │   ├───md-rule
│   │   │   ├───md-supplier
│   │   │   └───scripts
│   │   │       ├───1h4mb5v2havonhyqx304nlbku
│   │   │       │   ├───cp_init6418c6d726070f323dbdddda2aadc82ef
│   │   │       │   │   ├───cp_init
│   │   │       │   │   └───metadata
│   │   │       │   └───initd21e98ce783fdc347e5426f54a3994bf
│   │   │       │       ├───init
│   │   │       │       └───metadata
│   │   │       ├───3k6nwtre0i0pouw2b3ifpnup3
│   │   │       │   ├───cp_proj6418c6d726070f323dbdddda2aadc82ef
│   │   │       │   │   ├───cp_proj
│   │   │       │   │   └───metadata
│   │   │       │   └───projcb17ae4cebddd2824e7d7869053f46db
│   │   │       │       ├───metadata
│   │   │       │       └───proj
│   │   │       ├───749cbge5nbgshdihc0jjqbjgg
│   │   │       │   ├───cp_init6418c6d726070f323dbdddda2aadc82ef
│   │   │       │   │   ├───cp_init
│   │   │       │   │   └───metadata
```

```
Command Prompt

C:\Users\Apuroopa Natte>assoc
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.aac=WMP11.AssocFile.ADTS
.accda=Access.ACCDAExtension.16
.accdb=Access.Application.16
.accdc=Access.ACCDCFile.16
.accde=Access.ACCDEFile.16
.accdr=Access.ACCDRFile.16
.accdt=Access.ACCDTFile.16
.accdu=Access.WizardUserDataFile.16
.accdw=Access.WebApplicationReference.16
.accft=Access.ACCFTFile.16
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.ade=Access.ADEFile.16
.adn=Access.BlankProjectTemplate.16
.adp=Access.Project.16
.adt=WMP11.AssocFile.ADTS
.adts=WMP11.AssocFile.ADTS
.aif=WMP11.AssocFile.AIFF
.aifc=WMP11.AssocFile.AIFF
.aiff=WMP11.AssocFile.AIFF
.ani=anifile
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
.asa=aspfile
.asf=WMP11.AssocFile.ASF
.asp=aspfile
.asx=WMP11.AssocFile.ASX
.au=WMP11.AssocFile.AU
.avi=WMP11.AssocFile.AVI
.aw=AWFile
.bat=batfile
.blg=Diagnostic.Perfmon.Document
.bmp=Paint.Picture
.cab=CABFolder
.camp=campfile
.cat=CATFile
.cda=WMP11.AssocFile.CDA
.cdmp=cdmpfile
.cdx=aspfile
.cdxml=Microsoft.PowerShellCmdletDefinitionXML.1
```
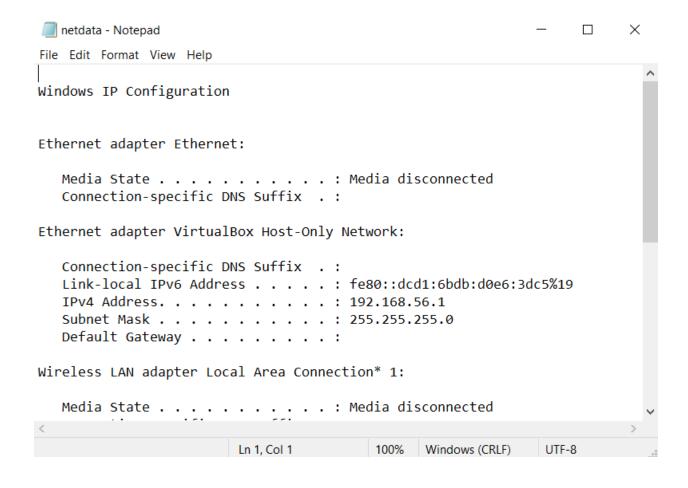
```
C:\Users\Apuroopa Natte>time
The current time is: 13:28:37.64
Enter the new time: 13:38
```

```
C:\Users\Apuroopa Natte\Downloads>assoc>types.text
```

types - Notepad

File Edit Format View Help

```
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.aac=WMP11.AssocFile.ADTS
.accda=Access.ACCDAExtension.16
.accdb=Access.Application.16
.accdc=Access.ACCDCFile.16
.accde=Access.ACCDEFile.16
.accdr=Access.ACCDRFile.16
.accdt=Access.ACCDTFile.16
.accdu=Access.WizardUserDataFile.16
.accdw=Access.WebApplicationReference.16
.accft=Access.ACCFTFile.16
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.ade=Access.ADEFile.16
.adn=Access.BlankProjectTemplate.16
.adp=Access.Project.16
```

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

```
C:\Users\Apuroopa Natte\Downloads>ipconfig>>netdata.txt
```

netdata - Notepad

File   Edit   Format   View   Help

Windows IP Configuration

Ethernet adapter Ethernet:

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

Ethernet adapter VirtualBox Host-Only Network:

    Connection-specific DNS Suffix . :
    Link-local IPv6 Address . . . . . : fe80::dcd1:6bdb:d0e6:3dc5%19
    IPv4 Address. . . . . : 192.168.56.1
    Subnet Mask . . . . : 255.255.255.0
    Default Gateway . . . . :

Wireless LAN adapter Local Area Connection* 1:

    Media State . . . . : Media disconnected

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

```
C:\Users\Apuroopa Natte\Downloads>sort<types.text
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.aac=WMP11.AssocFile.ADTS
.accda=Access.ACCDAExtension.16
.accdb=Access.Application.16
.accdc=Access.ACCDCFile.16
.accde=Access.ACCDEFile.16
.accdr=Access.ACCDRFile.16
.accdt=Access.ACCDTFile.16
.accdu=Access.WizardUserDataFile.16
.accdw=Access.WebApplicationReference.16
.accft=Access.ACCFTFile.16
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.ade=Access.ADEFile.16
.adn=Access.BlankProjectTemplate.16
.adp=Access.Project.16
.adt=WMP11.AssocFile.ADTS
.adts=WMP11.AssocFile.ADTS
.aif=WMP11.AssocFile.AIFF
.aifc=WMP11.AssocFile.AIFF
.aiff=WMP11.AssocFile.AIFF
.ani=anifile
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
.asa=aspfile
.asf=WMP11.AssocFile.ASF
.asp=aspfile
.asx=WMP11.AssocFile.ASX
.au=WMP11.AssocFile.AU
.avi=WMP11.AssocFile.AVI
.aw=AWFile
.bat=batfile
.blg=Diagnostic.Perfmon.Document
.bmp=Paint.Picture
.cab=CABFolder
.camp=campfile
.cat=CATFile
.cda=WMP11.AssocFile.CDA
.cdmp=cdmpfile
.cdx=aspfile
.cdxml=Microsoft.PowerShellCmdletDefinitionXML.1
```

```
C:\Users\Apuroopa Natte\Downloads>dir|sort


              4 Dir(s)  114,471,424,000 bytes free
            135 File(s)  5,286,649,601 bytes
 Directory of C:\Users\Apuroopa Natte\Downloads
 Volume in drive C is OS
 Volume Serial Number is 0C73-0158
01-01-2021  22:08           293,847 SE 1.pdf
01-01-2021  22:09           368,923 SE 2.pdf
01-01-2021  22:10         1,920,981 SE 4.pdf
01-01-2021  22:11            96,697 SE 5.pdf
01-01-2021  22:12           364,769 SE 6.pdf
01-01-2021  22:13         1,294,123 SE 7.pdf
01-01-2021  22:14           230,123 SE 8.pdf
01-01-2021  22:14         1,604,965 SE 9.pdf
01-01-2021  22:17           113,846 SE 13.pdf
01-01-2021  22:18           254,732 SE 17.pdf
01-01-2021  22:18           355,296 SE 16.pdf
01-01-2021  22:18           383,665 SE 15.pdf
01-01-2021  22:19           170,503 SE 18.pdf
01-01-2021  22:44            82,817 SE 3.pdf
01-01-2021  22:47           335,644 SE 12.pdf
01-01-2021  22:49           293,221 SE 20.pdf
01-02-2021  13:22         2,090,987 18BCE7055_LAB1.pdf
01-02-2021  13:55     2,785,017,856 ubuntu-20.04.1-desktop-amd64.iso
01-02-2021  23:53       130,377,112 balenaEtcher-Setup-1.5.115.exe
01-12-2020  15:30        29,518,536 TeamViewer_Setup.exe
01-12-2020  15:48       167,452,312 jdk-15.0.1_windows-x64_bin.exe
01-12-2020  15:57       107,155,432 eclipse-inst-jre-win64.exe
01-12-2020  15:58       107,155,432 eclipse-inst-jre-win64 (1).exe
01-12-2020  18:43       228,592,648 matlab_R2020b_win64.exe
01-12-2020  18:44    <DIR>          _temp_matlab_R2020b_win64
01-12-2020  20:32            21,736 Project Evaluation on Cost.docx
01-12-2020  22:20       171,619,768 RStudio-1.3.1093.exe
02-01-2021  19:10         5,869,684 Thankyou.webm
02-01-2021  19:59         4,024,663 SE 10.pdf
02-01-2021  20:00         4,375,171 SE 11.pdf
02-01-2021  20:02           782,341 SE 14.pdf
02-01-2021  20:03           169,580 SE 19.pdf
02-01-2021  20:16        17,120,393 SE 20-merged.pdf
02-01-2021  20:21         9,036,067 SE 20-merged-compressed.pdf
02-01-2021  20:25        18,419,653 SE 20-merged-compressed-converted.docx
02-02-2021  19:41       108,257,728 VirtualBox-6.1.18-142142-Win.exe
02-12-2020  15:13            54,450 WhatsApp Image 2020-12-02 at 15.12.32.jpeg
03-12-2020  19:18           238,647 Crypto.zip
04-12-2020  00:10           238,647 Crypto (1).zip
04-12-2020  13:50         1,393,471 AES192-EncrDecr.xlsx
```