

Secure coding

Lab-2

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18bcn7012

```
C:\Users\suchi>who am i
```

'who' is not recognized as an internal or external command,
operable program or batch file.

```
C:\Users\suchi>whoami
```

```
laptop-f5g8m0ab\suchi
```

```
C:\Users\suchi>net user
```

User accounts for \\LAPTOP-F5G8M0AB

Administrator	DefaultAccount	Guest
suchi	WDAGUtilityAccount	

The command completed successfully.

```
C:\Users\suchi>assoc
```

```
.386=vxdfile
```

```
.3g2=WMP11.AssocFile.3G2
```

```
.3gp=WMP11.AssocFile.3GP
```

```
.3gp2=WMP11.AssocFile.3G2
```

```
.3gpp=WMP11.AssocFile.3GP
```

```
.5vw=wireshark-capture-file
```

.AAC=WMP11.AssocFile.ADTS
.accountpicture-ms=accountpicturefile
.acp=wireshark-capture-file
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ADT=WMP11.AssocFile.ADTS
.ADTS=WMP11.AssocFile.ADTS
.aif=WMP11.AssocFile.AIFF
.aifc=WMP11.AssocFile.AIFF
.aiff=WMP11.AssocFile.AIFF
.ani=anifile
.apc=wireshark-capture-file
.api=AcroExch.Plugin
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
.asa=aspfile
.asf=WMP11.AssocFile.ASF
.asp=aspfile
.asx=WMP11.AssocFile.ASX
.atc=wireshark-capture-file
.au=WMP11.AssocFile.AU
.avi=WMP11.AssocFile.AVI
.bat=batfile
.bfr=wireshark-capture-file
.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
.cer=CERFile
.chk=chkfile
.chm=chm.file
.cmd=cmdfile
.com=comfile
.compositefont=Windows.CompositeFont
.cpl=cplfile
.crl=CRLFile
.crt=CERFile
.css=CSSfile
.cur=curfile
.db=dbfile
.dctx=IMEDictionaryCompiler
.dctxc=IMEDictionaryCompiler
.dds=ddsfile
.der=CERFile
.desklink=CLSID\{9E56BE61-C50F-11CF-9A2C-00A0C90A90CE}
.deskthemepack=desktopthemepackfile
.diagcab=Diagnostic.Cabinet
.diagcfg=Diagnostic.Config
.diagpkg=Diagnostic.Document
.dib=Paint.Picture
.dll=dllfile
.docx=docxfile
.drv=drvfile

.dsn=MSDASQL
.dwfx=Windows.XPSReachViewer
.easmx=Windows.XPSReachViewer
.edrwx=Windows.XPSReachViewer
.emf=emffile
.eml=Microsoft Email Message
.enc=wireshark-capture-file
.eprtx=Windows.XPSReachViewer
.evt=evtfile
.evtx=evtxfile
.exe=exefile
.fd=wireshark-capture-file
.fdf=AcroExch.FDFDoc
.flac=WMP11.AssocFile.FLAC
.fon=fonfile
.gif=giffile
.gmmp=gmmpfile
.grp=MSProgramGroup
.hdd=proglD_VirtualBox.Shell.hdd
.hlp=hlpfile
.hta=htafile
.htm=htmlfile
.html=htmlfile
.icc=icmfile
.icl=IconLibraryFile
.icm=icmfile
.ico=icofile
.igp=Intel.GraphicsControlPanel.igp.1
.imesx=imesxfile

.img=Windows.IsoFile
.inf=inffile
.ini=inifile
.ipfix=wireshark-capture-file
.iso=Windows.IsoFile
.jfif=pjpegfile
.Job=JobObject
.jod=Microsoft.Jet.OLEDB.4.0
.jpe=jpegfile
.jpeg=jpegfile
.jpg=jpegfile
.js=JSFile
.JSE=JSEFile
.jtx=Windows.XPSReachViewer
.jxr=wdpfile
.label=Label
.lcap=wireshark-capture-file
.library-ms=LibraryFolder
.lnk=lnkfile
.log=txtfile
.m1v=WMP11.AssocFile.MPEG
.M2T=WMP11.AssocFile.M2TS
.M2TS=WMP11.AssocFile.M2TS
.M2V=WMP11.AssocFile.MPEG
.m3u=WMP11.AssocFile.m3u
.m4a=WMP11.AssocFile.M4A
.m4v=WMP11.AssocFile.MP4
.mapimail=CLSID\{9E56BE60-C50F-11CF-9A2C-00A0C90A90CE}
.mfe=McAfeeExtn

.mht=mhtmlfile
.mhtml=mhtmlfile
.mid=WMP11.AssocFile.MIDI
.midi=WMP11.AssocFile.MIDI
.mk3d=WMP11.AssocFile.MK3D
.mka=WMP11.AssocFile.MKA
.mkv=WMP11.AssocFile.MKV
.mlc=LpkSetup.1
.MOD=WMP11.AssocFile.MPEG
.mov=WMP11.AssocFile.MOV
.mp2=WMP11.AssocFile.MP3
.mp2v=WMP11.AssocFile.MPEG
.mp3=WMP11.AssocFile.MP3
.mp4=WMP11.AssocFile.MP4
.mp4v=WMP11.AssocFile.MP4
.mpa=WMP11.AssocFile.MPEG
.mpe=WMP11.AssocFile.MPEG
.mpeg=WMP11.AssocFile.MPEG
.mpg=WMP11.AssocFile.MPEG
.mplog=wireshark-capture-file
.mpv2=WMP11.AssocFile.MPEG
.ms-windows-store-license=WindowsStore.License
.msc=MSCFile
.msi=Msi.Package
.msp=Msi.Patch
.msrcincident=RemoteAssistance.1
.msstyles=msstylesfile
.msu=Microsoft.System.Update.1
.MTS=WMP11.AssocFile.M2TS

.mydocs=CLSID\{ECF03A32-103D-11d2-854D-006008059367}

.nfo=MSInfoFile

.ntar=wireshark-capture-file

.ocx=ocxfile

.odt=odtfile

.osdx=opensearchdescription

.otf=otffile

.out=wireshark-capture-file

.ova=progId_VirtualBox.Shell.ova

.ovf=progId_VirtualBox.Shell.ovf

.oxps=Windows.XPSReachViewer

.p10=WLANImportFile

.p12=PFXFile

.p50=WLANImportFile

.p7b=SPCFile

.p7c=certificate_wab_auto_file

.p7m=P7MFile

.p7r=P7RFile

.p7s=P7SFile

.pano=Panoramic File

.partial=IE.AssocFile.PARTIAL

.pbk=pbkfile

.pcap=wireshark-capture-file

.pcapng=wireshark-capture-file

.pdf=AcroExch.Document.DC

.pdfxml=AcroExch.pdfxml

.pdx=PDXFileType

.perfmoncfg=Diagnostic.Perfmon.Config

.pfm=pfmfile

.pfx=PFXFile
.pif=piffile
.pkg=wireshark-capture-file
.pko=PKOFile
.pkt=wireshark-capture-file
.pnf=pnffile
.png=pngfile
.pkg=Microsoft.ProvTool.Provisioning.1
.prf=prffile
.profile=WLANImportFile
.ps1=Microsoft.PowerShellScript.1
.ps1xml=Microsoft.PowerShellXMLData.1
.psc1=Microsoft.PowerShellConsole.1
.psd1=Microsoft.PowerShellData.1
.psm1=Microsoft.PowerShellModule.1
.pssc=Microsoft.PowerShellSessionConfiguration.1
.qds=SavedDsQuery
.rat=ratfile
.RDP=RDP.File
.reg=regfile
.resmoncfg=Diagnostic.Resmon.Config
.rf5=wireshark-capture-file
.rle=rlefile
.rll=dllfile
.rmi=WMP11.AssocFile.MIDI
.rtf=rtffile
.scf=SHCmdFile
.scp=txtfile
.scr=scrfile

.sct=scriptletfile
.search-ms=SearchFolder
.searchConnector-ms=SearchConnectorFolder
.secstore=AcroExch.SecStore
.settingcontent-ms=SettingContent
.sfcache=RDBFileProperties.1
.snd=WMP11.AssocFile.AU
.snoop=wireshark-capture-file
.spc=SPCFile
.spl=ShockwaveFlash.ShockwaveFlash
.sst=CertificateStoreFile
.svg=svgfile
.swf=ShockwaveFlash.ShockwaveFlash
.sync=wireshark-capture-file
.symlink=.symlink
.sys=sysfile
.theme=themefile
.themepack=themepackfile
.tif=TIFImage.Document
.tiff=TIFImage.Document
.tpc=wireshark-capture-file
.tr1=wireshark-capture-file
.trace=wireshark-capture-file
.trc=wireshark-capture-file
.TS=WMP11.AssocFile.TTS
.ttc=ttcfile
.ttf=ttffile
.TTS=WMP11.AssocFile.TTS
.txt=txtfile

.UDL=MSDASC
.URL=InternetShortcut
.VBE=VBEFile
.vbox=progId_VirtualBox.Shell.vbox
.vbox-extpack=progId_VirtualBox.Shell.vbox-extpack
.vbs=VBSFile
.vdi=progId_VirtualBox.Shell.vdi
.vhd=progId_VirtualBox.Shell.vhd
.vhdpmem=Windows.VhdPmemFile
.vhdx=Windows.VhdFile
.vmdk=progId_VirtualBox.Shell.vmdk
.vwr=wireshark-capture-file
.vxd=vxdfile
.wab=wab_auto_file
.wav=WMP11.AssocFile.WAV
.wax=WMP11.AssocFile.WAX
.wbcats=wbcatsfile
.wcm=wcmfile
.wdp=wdpfile
.webpnp=webpnpFile
.website=Microsoft.Website
.wm=WMP11.AssocFile.ASF
.wma=WMP11.AssocFile.WMA
.WMD=WMP11.AssocFile.WMD
.wmdb=WMP.WMDBFile
.wmf=wmffile
.WMS=WMP11.AssocFile.WMS
.wmv=WMP11.AssocFile.WMV
.wmx=WMP11.AssocFile.ASX

.wmz=WMP11.AssocFile.WMZ
.wpc=wireshark-capture-file
.wpl=WMP11.AssocFile.WPL
.wpz=wireshark-capture-file
.wsc=scriptletfile
.WSF=WSFFile
.WSH=WSHFile
.wtx=txtfile
.wvx=WMP11.AssocFile.WVX
.xaml=Windows.XamlDocument
.xbap=Windows.Xbap
.xdp=AcroExch.XDPDoc
.xdf=AcroExch.XFDFDoc
.xht=htmlfile
.xhtml=htmlfile
.xml=xmlfile
.xps=Windows.XPSReachViewer
.xrm-ms=MSSppLicenseFile
.xsl=xslfile
.ZFSendToTarget=CLSID\{888DCA60-FC0A-11CF-8F0F-00C04FD7D062}
.zip=CompressedFolder

C:\Users\suchi>

```
Microsoft Windows [Version 10.0.19041.985]
(c) Microsoft Corporation. All rights reserved.

C:\Users\suchi>who am i
'who' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\suchi>whoami
laptop-f5g8m0ab\suchi

C:\Users\suchi>net user

User accounts for \\LAPTOP-F5G8M0AB

-----
Administrator          DefaultAccount          Guest
suchi                   MDAQUtilityAccount
The command completed successfully.

C:\Users\suchi>assoc
360=3dfile
3g2=3dMP11.AssocFile.3G2
3gp=3dMP11.AssocFile.3GP
3gp2=3dMP11.AssocFile.3G2
3pp=3dMP11.AssocFile.3GP
3w=wireshark-capture-file
AAC=MP11.AssocFile.ADT5
accountpicture-ms=accountpicturefile
acp=wireshark-capture-file
acrobatssecuritysettings-AcroExch.acrobatssecuritysettings
ADT=MP11.AssocFile.ADT5
ADTS=MP11.AssocFile.ADT5
aif=MP11.AssocFile.AIFF
aiff=MP11.AssocFile.AIFF
ani=anifile
apc=wireshark-capture-file
api=AcroExch.Plugin
appcontent-ms=ApplicationContent
application=Application.Manifest
appref-ms=Application.Reference
asa=aspsfile
asf=MP11.AssocFile.ASF
asp=aspfile
asx=MP11.AssocFile.ASX
atc=wireshark-capture-file
au=MP11.AssocFile.AU
avi=MP11.AssocFile.AVI
bat=batfile
```

```
Microsoft Windows [Version 10.0.19041.985]
(c) Microsoft Corporation. All rights reserved.

C:\Users\suchi>assoc
avi=MP11.AssocFile.AVI
bat=batfile
bfr=wireshark-capture-file
blg=Diagnostic.Perfmon.Document
bmp=Paint.Picture
cab=CABFolder
camp=campfile
cat=CAIFile
cda=MP11.AssocFile.CDA
cdm=cdmfile
cdx=aspfile
cdxml=Microsoft.PowerShellCmdletDefinitionXML.1
cer=CERFile
chk=chkfile
chm=chm.file
cmd=cmdfile
com=comfile
compositefont=Windows.CompositeFont
cpl=cplfile
crl=CRLFile
crt=CERFile
css=CSSFile
cur=curfile
db=dbfile
dctx=IMEDictionaryCompiler
dctx=IMEDictionaryCompiler
dds=ddsfile
der=DERFile
desklk=CLSID\{9E56BE61-C50F-11CF-9A2C-00A0C90A90CE}
deskthemap=desktopthemepackfile
diagcab=Diagnostic.Cabinet
diagcfg=Diagnostic.Config
diagpkg=Diagnostic.Document
dib=Paint.Picture
dll=dllfile
docx=docxfile
drv=drvfile
dsn=MSDASQL
dxf=Windows.XPSReachViewer
easmx=Windows.XPSReachViewer
edrx=Windows.XPSReachViewer
enf=enfile
enl=Microsoft Email Message
enc=wireshark-capture-file
eprtx=Windows.XPSReachViewer
evtx=evtxfile
ext=extfile
exe=exefile
fdx=wireshark-capture-file
fdf=AcroExch.FDFDoc
```

```
Command Prompt
.jpe-jpegfile
.jpeg-jpegfile
.jpg-jpegfile
.js-jsfile
.jse-jsefile
.jtx-windows.XPSReachViewer
.jxr-jdpfile
.label-label
.lcap-wireshark-capture-file
.library-ms=LibraryFolder
.lnk-lnkfile
.log-txtfile
.m1v-MP11.AssocFile.MPEG
.m2t-MP11.AssocFile.M2TS
.m2ts-MP11.AssocFile.M2TS
.m2v-MP11.AssocFile.MPEG
.m3u-MP11.AssocFile.m3u
.mda-MP11.AssocFile.M4A
.mdv-MP11.AssocFile.MP4
.mapimail=CLSID{9E56BE68-C50F-11CF-9A2C-00A0C9A090CE}
.mfe-PCafeExtn
.mht-mhtmlfile
.mhtml-mhtmlfile
.mid-MP11.AssocFile.MIDI
.midi-MP11.AssocFile.MIDI
.m3d-MP11.AssocFile.M3D
.mka-MP11.AssocFile.MKA
.mkv-MP11.AssocFile.MKV
.mlc-lpkSetup.1
.m3d-MP11.AssocFile.MPEG
.m3v-MP11.AssocFile.M3V
.mp2-MP11.AssocFile.MP3
.mp2v-MP11.AssocFile.MPEG
.mp3-MP11.AssocFile.MP3
.mp4-MP11.AssocFile.MP4
.mp4v-MP11.AssocFile.MP4
.mpa-MP11.AssocFile.MPEG
.mpe-MP11.AssocFile.MPEG
.mpeg-MP11.AssocFile.MPEG
.mpg-MP11.AssocFile.MPEG
.mplg-wireshark-capture-file
.mpv2-MP11.AssocFile.MPEG
.ms-windows-store-license=WindowsStore.License
.msc-rcfile
.msi-msi.Package
.msp-msi.Patch
.marcincident=RemoteAssistance.1
.msstyles-msstylesfile
.msu-Microsoft.System.Update.1
.MTS-MP11.AssocFile.M2TS
```

```
Command Prompt
.IDL=PGSDASC
.URL=InternetShortcut
.VBE-VBEfile
.vbox-progId_VirtualBox.Shell.vbox
.vbox-extpack-progId_VirtualBox.Shell.vbox-extpack
.vbs-VBSfile
.vdi-progId_VirtualBox.Shell.vdi
.vhd-progId_VirtualBox.Shell.vhd
.vhdpres=Windows.VhdPresFile
.vndk-windows.vndfile
.vndk-progId_VirtualBox.Shell.vndk
.vmr-wireshark-capture-file
.vxd-vxdfile
.vmb-mvb_auto.file
.wav-MP11.AssocFile.WAV
.wax-MP11.AssocFile.WAX
.wbcat-wbcatfile
.wcx-wcxfile
.wdp-wdpfile
.webpnp-webpnpfile
.website=Microsoft.Website
.wm-MP11.AssocFile.ASF
.wma-MP11.AssocFile.WMA
.WPD-MP11.AssocFile.WPD
.wmdb-MP11.AssocFile.WMDB
.wmf-wmffile
.WPS-MP11.AssocFile.WPS
.wmv-MP11.AssocFile.WMV
.wmx-MP11.AssocFile.ASX
.wmz-MP11.AssocFile.WMZ
.wpc-wireshark-capture-file
.wpl-MP11.AssocFile.WPL
.wpt-wireshark-capture-file
.wsc-scriptletfile
.wsf-wsfFile
.WSH-WSHfile
.wtx-txtfile
.wxx-MP11.AssocFile.WXX
.xml-windows.XamlDocument
.xbap-windows.Xbap
.xdp-AcroExch.XDPDoc
.xdft-AcroExch.XDFTDoc
.xht-xhtmlfile
.xhtml-xhtmlfile
.xml-xmlfile
.xps-windows.XPSReachViewer
.xrm-ms=MSAppLicenseFile
.xml-xmlfile
.ZFSendToTarget=CLSID{888DCA60-FC0A-11CF-8F0F-00C04FD70B62}
.zip-compressedFolder
```