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19BCE7033

L23+L24

LAB 2

Command Prompt — □ ×

```
Microsoft Windows [Version 10.0.19041.985]
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C:\Users\DELL>echo %Username%
DELL

C:\Users\DELL>Whoami
desktop-ce46344\dell

C:\Users\DELL>time
The current time is: 18:14:48.04
Enter the new time:

C:\Users\DELL>assoc
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.a52=KMPlayer.a52
.AAC=WMP11.AssocFile.ADTS
.accda=Access.ACCDAExtension.12
.accdb=Access.Application.12
.accdc=Access.ACCDCFile.12
.accde=Access.ACCDEFile.12
.accdr=Access.ACCDRFile.12
.accdt=Access.ACCDTFile.12
.accdu=Access.WizardUserDataFile.12
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.acrobatsecuritysettings=AcroExch.acrobatsecuritysettings
.ade=Access.ADEFile.12
.adn=Access.BlankProjectTemplate.12
.adp=Access.Project.12
.ADT=WMP11.AssocFile.ADTS
.ADTS=WMP11.AssocFile.ADTS
.aif=KMPlayer.aif
.aifc=KMPlayer.aifc
.aiff=KMPlayer.aiff
.alac=KMPlayer.alac
.amv=KMPlayer.amv
.ani=anifile
.ape=KMPlayer.ape
.api=AcroExch.Plugin
```

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```
.elm=ELMFile
.emf=emffile
.eml=Microsoft Email Message
.EMPTYBINARYREGISTRY=OneNote
.epf=EPFFile
.eprtx=Windows.XPSReachViewer
.evo=KMPlayer.evo
.evt=evtfile
.evtx=evtxfile
.exe=exefile
.exe_=emu8086
.exp=VisualStudio.exp.92f6bd15
.f4v=KMPlayer.f4v
.fad=FADFile
.fdf=AcroExch.FDFDoc
.fdm=FDMFile
.flac=WMP11.AssocFile.FLAC
.flc=KMPlayer.flc
.fli=KMPlayer.fli
.flv=KMPlayer.flv
.fon=fonfile
.gcsx=GCSXFile
.gfs=GrooveStub
.gif=giffile
.glk=GrooveLinkFile
.glox=GLOXFile
.gmmp=gmmpfile
.gqsx=GQSXFile
.gra=MSGraph.Chart.8
.grp=MSProgramGroup
.grv=GrooveFile
.gsa=GrooveSpaceArchive
.gta=GrooveToolArchive
.gvi=KMPlayer.gvi
.hdd=progId_VirtualBox.Shell.hdd
.hdmov=KMPlayer.hdmov
.hlp=hlpfile
.hol=Outlook.File.hol
.hta=htafile
.htm=htmlfile
.html=htmlfile
.hxa=MSHelp.hxa.2.5
.hxc=MSHelp.hxc.2.5
.hxd=MSHelp.hxd.2.5
```

```
._wdxsln140=VisualStudio.Launcher._wdxsln140
._wdxsln150=VisualStudio.Launcher._wdxsln150

C:\Users\DELL>dir|sort


              5 File(s)         13,510 bytes
             23 Dir(s)  54,432,219,136 bytes free
 Directory of C:\Users\DELL
 Volume in drive C is OS
 Volume Serial Number is B010-5333
01/02/2021  10:10    <DIR>          .vscode
01/02/2021  10:24    <DIR>          .tooling
02/02/2021  14:58    <DIR>          OneDrive
02/02/2021  15:00    <DIR>          Documents
03/02/2021  16:44             1,306 netdata.txt
03/02/2021  16:44            11,770 type.txt
03/03/2021  18:15               126 protagonist.csv
04/06/2021  13:09    <DIR>          .
04/06/2021  13:09    <DIR>          ..
08/06/2021  23:24               308 .packettracer
10/02/2021  19:47                 0 SCHTASKS
10/12/2020  13:57    <DIR>          3D Objects
10/12/2020  13:57    <DIR>          Contacts
10/12/2020  13:57    <DIR>          Favorites
10/12/2020  13:57    <DIR>          Links
10/12/2020  13:57    <DIR>          Music
10/12/2020  13:57    <DIR>          Saved Games
10/12/2020  13:57    <DIR>          Searches
10/12/2020  13:57    <DIR>          Videos
11/06/2021  16:21    <DIR>          OneDrive - vitap.ac.in
11/06/2021  16:24    <DIR>          Downloads
16/05/2021  18:01    <DIR>          source
20/05/2021  14:20    <DIR>          .dotnet
23/03/2021  14:36    <DIR>          Pictures
23/03/2021  20:52    <DIR>          .cache
28/04/2021  17:04    <DIR>          VirtualBox VMs
28/04/2021  17:05    <DIR>          .VirtualBox
30/01/2021  11:46    <DIR>          Cisco Packet Tracer 8.0

C:\Users\DELL>
```

```
C:\Users\DELL>cd dowloads
The system cannot find the path specified.

C:\Users\DELL>cd downloads

C:\Users\DELL\Downloads>pushd c:\Users

c:\Users>popd

C:\Users\DELL\Downloads>_
```

Command Prompt

```
Microsoft Windows [Version 10.0.19041.985]
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C:\Users\DELL>tree
Folder PATH listing for volume OS
Volume serial number is B010-5333
C:.
├───.cache
│   └───tooling
│       └───gradle
├───.dotnet
├───.tooling
│   └───gradle
├───.VirtualBox
├───.vscode
│   └───extensions
│       └───adashen.vscode-tomcat-0.11.3
│           ├───.github
│           ├───node_modules
│           │   ├───anymatch
│           │   ├───applicationinsights
│           │   │   └───out
│           │   │       ├───AutoCollection
│           │   │       │   └───diagnostic-channel
│           │   │       ├───Bootstrap
│           │   │       │   └───Helpers
│           │   │       ├───Declarations
│           │   │       │   └───Contracts
│           │   │       │       ├───Generated
│           │   │       │       ├───QuickPulseTypes
│           │   │       │       └───TelemetryTypes
│           │   │       ├───Library
│           │   │       └───TelemetryProcessors
│           │   ├───arr-diff
│           │   ├───arr-flatten
│           │   ├───arr-union
│           │   ├───array-unique
│           │   ├───assign-symbols
│           │   ├───async
│           │   │   ├───dist
│           │   │   └───lib
│           │   ├───async-each
│           │   ├───async-hook-jl
│           │   │   ├───patches
```

Command Prompt

```
│           │   ├───arr-union
│           │   ├───array-unique
│           │   ├───assign-symbols
│           │   ├───async
│           │   │   ├───dist
│           │   │   └───lib
│           │   ├───async-each
│           │   ├───async-hook-jl
│           │   │   ├───patches
│           │   │   └───test
│           │   ├───async-listener
│           │   │   └───test
│           │   │       └───core
│           │   ├───atob
│           │   │   └───bin
│           │   ├───base
│           │   │   └───node_modules
│           │   │       ├───define-property
│           │   │       ├───is-accessor-descriptor
│           │   │       ├───is-data-descriptor
│           │   │       ├───is-descriptor
│           │   │       ├───isobject
│           │   │       └───kind-of
│           │   ├───binary-extensions
│           │   ├───braces
│           │   ├───cache-base
│           │   │   └───node_modules
│           │   │       └───isobject
│           │   ├───chokidar
│           │   │   └───lib
│           │   ├───class-utils
│           │   │   └───node_modules
│           │   │       ├───define-property
│           │   │       └───isobject
│           │   ├───cls-hooked
│           │   ├───collection-visit
│           │   ├───component-emitter
│           │   ├───continuation-local-storage
│           │   │   └───test
│           │   ├───copy-descriptor
│           │   ├───core-util-is
│           │   │   └───lib
│           │   ├───debug
│           │   │   └───src
```

```
Command Prompt                                                                          —  □  ✕

ERROR: /D option is not applicable for the type of scheduled task.
Type "SCHTASKS /CREATE /?" for usage.

C:\Users\DELL>schtasks /create /?

SCHTASKS /Create [/S system [/U username [/P [password]]]]
       [/RU username [/RP password]] /SC schedule [/MO modifier] [/D day]
       [/M months] [/I idletime] /TN taskname /TR taskrun [/ST starttime]
       [/RI interval] [ {/ET endtime | /DU duration} [/K] [/XML xmlfile] [/V1]]
       [/SD startdate] [/ED enddate] [/IT | /NP] [/Z] [/F] [/HRESULT] [/?]

Description:
    Enables an administrator to create scheduled tasks on a local or
    remote system.

Parameter List:
    /S    system          Specifies the remote system to connect to. If omitted
                          the system parameter defaults to the local system.

    /U    username        Specifies the user context under which SchTasks.exe
                          should execute.

    /P    [password]      Specifies the password for the given user context.
                          Prompts for input if omitted.

    /RU   username        Specifies the "run as" user account (user context)
                          under which the task runs. For the system account,
                          valid values are "", "NT AUTHORITY\SYSTEM"
                          or "SYSTEM".
                          For v2 tasks, "NT AUTHORITY\LOCALSERVICE" and
                          "NT AUTHORITY\NETWORKSERVICE" are also available as well
                          as the well known SIDs for all three.

    /RP   [password]      Specifies the password for the "run as" user.
                          To prompt for the password, the value must be either
                          "*" or none. This password is ignored for the
                          system account. Must be combined with either /RU or
                          /XML switch.

    /SC   schedule        Specifies the schedule frequency.
                          Valid schedule types: MINUTE, HOURLY, DAILY, WEEKLY,
                          MONTHLY, ONCE, ONSTART, ONLOGON, ONIDLE, ONEVENT.

    /MO   modifier        Refines the schedule type to allow finer control over
```

```
Command Prompt                                                                          —  □  ✕

Modifiers: Valid values for the /MO switch per schedule type:
    MINUTE:   1 - 1439 minutes.
    HOURLY:   1 - 23 hours.
    DAILY:    1 - 365 days.
    WEEKLY:   weeks 1 - 52.
    ONCE:     No modifiers.
    ONSTART:  No modifiers.
    ONLOGON:  No modifiers.
    ONIDLE:   No modifiers.
    MONTHLY:  1 - 12, or
              FIRST, SECOND, THIRD, FOURTH, LAST, LASTDAY.

    ONEVENT:  XPath event query string.
Examples:
    ==> Creates a scheduled task "doc" on the remote machine "ABC"
        which runs notepad.exe every hour under user "runasuser".

        SCHTASKS /Create /S ABC /U user /P password /RU runasuser
                 /RP runaspassword /SC HOURLY /TN doc /TR notepad

    ==> Creates a scheduled task "accountant" on the remote machine
        "ABC" to run calc.exe every five minutes from the specified
        start time to end time between the start date and end date.

        SCHTASKS /Create /S ABC /U domain\user /P password /SC MINUTE
                 /MO 5 /TN accountant /TR calc.exe /ST 12:00 /ET 14:00
                 /SD 06/06/2006 /ED 06/06/2006 /RU runasuser /RP userpassword

    ==> Creates a scheduled task "gametime" to run freecell on the
        first Sunday of every month.

        SCHTASKS /Create /SC MONTHLY /MO first /D SUN /TN gametime
                 /TR c:\windows\system32\freecell

    ==> Creates a scheduled task "report" on remote machine "ABC"
        to run notepad.exe every week.

        SCHTASKS /Create /S ABC /U user /P password /RU runasuser
                 /RP runaspassword /SC WEEKLY /TN report /TR notepad.exe

    ==> Creates a scheduled task "logtracker" on remote machine "ABC"
        to run notepad.exe every five minutes starting from the
        specified start time with no end time. The /RP password will be
        prompted for.
```

```
SCHTASKS /Change [/S system [/U username [/P [password]]]] /TN taskname
        { [/RU runasuser] [/RP runaspassword] [/TR taskrun] [/ST starttime]
          [/RI interval] [ {/ET endtime | /DU duration} [/K] ]
          [/SD startdate] [/ED enddate] [/ENABLE | /DISABLE] [/IT] [/Z] }
          [/HRESULT] [/?]

Description:
    Changes the program to run, or user account and password used
    by a scheduled task.

Parameter List:
    /S          system      Specifies the remote system to connect to.

    /U          username    Specifies the user context under which schtasks.exe
                            should execute.

    /P          [password]  Specifies the password for the given user context.
                            Prompts for input if omitted.

    /TN         taskname    Specifies the path\name of the task to change.

    /RU         username    Changes the user name (user context) under which the
                            scheduled task has to run. For the system account,
                            valid values are "", "NT AUTHORITY\SYSTEM" or "SYSTEM".
                            For v2 tasks, "NT AUTHORITY\LOCALSERVICE" and
                            "NT AUTHORITY\NETWORKSERVICE" are also available as well
                            as the well known SIDs for all three.
    /RP         password    Specifies a new password for the existing user
                            context or the password for a new user account.
                            This password is ignored for the system account.

    /TR         taskrun     Specifies the new program that the
                            scheduled task will run.

    /ST         starttime   Specifies the start time to run the task. The time
                            format is HH:mm (24 hour time) for example, 14:30
                            for 2:30 PM.

    /RI         interval    Specifies the repetition interval in
                            minutes. Valid range: 1 - 599940 minutes.

    /ET         endtime     Specifies the end time to run the task. The time
                            format is HH:mm (24 hour time) for example, 14:50
```

```
    /HRESULT                For better diagnosability, the process exit code
                            will be in the HRESULT format.

    /?                      Displays this help message.

Examples:
    SCHTASKS /Change /RP password /TN "\Backup\Backup and Restore"
    SCHTASKS /Change /TR restore.exe /TN "\Backup\Start Restore"
    SCHTASKS /Change /S system /U user /P password /RU newuser
             /TN "\Backup\Start Backup" /IT

C:\Users\DELL>SCHTASKS /Change /SC MONTHLY /TN doc /TR 19bce7033task1 /ST 09:00
ERROR: Invalid argument/option - '/SC'.
Type "SCHTASKS /CHANGE /?" for usage.

C:\Users\DELL>

C:\Users\DELL>SCHTASKS /Create /SC DAILY /TN doc /TR 19bce7033task1 /ST 09:00
WARNING: The task name "doc" already exists. Do you want to replace it (Y/N)? y
SUCCESS: The scheduled task "doc" has successfully been created.

C:\Users\DELL>schtasks /Change /TN doc /ST 14:00
Please enter the run as password for DELL:

WARNING: When the run-as password is empty, the scheduled task may not run because of the security policy.
SUCCESS: The parameters of scheduled task "doc" have been changed.

C:\Users\DELL>schtasks /Delete /TN doc
WARNING: Are you sure you want to remove the task "doc" (Y/N)? y
SUCCESS: The scheduled task "doc" was successfully deleted.

C:\Users\DELL>schtasks /Create /SC WEEKLY /D MON,TUE,WED,THU,FRI /TN "my task" /TR "C:Runme.bat"
SUCCESS: The scheduled task "my task" has successfully been created.

C:\Users\DELL>schtasks /Create /SC WEEKLY /D SAT,SUN /TN "my task1" /TR "C:Runme.bat"
SUCCESS: The scheduled task "my task1" has successfully been created.

C:\Users\DELL>
```