IT Essentials 5.0

5.3.7.2 Lab - Working with CLI Commands in Windows

Introduction

Print and complete this lab.

In this lab, you will use Windows CLI commands to manage folders, files and programs in Windows 7/Vista/XP.

Recommended Equipment

The following equipment is required for this exercise:

· A computer running Windows 7 or Windows Vista or Windows XP

Step 1

Logon to the computer as an administrator.

Note: If you logon with a user account other than "Administrator", you will need to substitute that user account name with the "Administrator" account name when typing in commands. Example: **cd Users\Administrator** replaced with **cd Users\Braxton**

For Windows 7 and Vista:

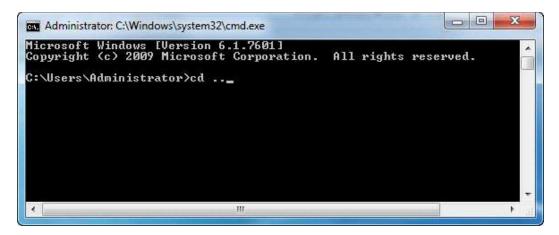
Navigate to the "Run" window by clicking **Start**. Type **cmd** and then press **Enter**.

For Windows XP:

Navigate to the "Run" window by clicking **Start > Run**. Type **cmd** and click **OK**.

Step 2

The command window opens.



What directory are you at?

At the command prompt, type **cd** .. then press **Enter**.

```
Administrator: C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>cd ..

C:\Users>cd ..
```

At the command prompt, type **cd** .. again then press **Enter**.

```
Administrator: C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator\cd ..

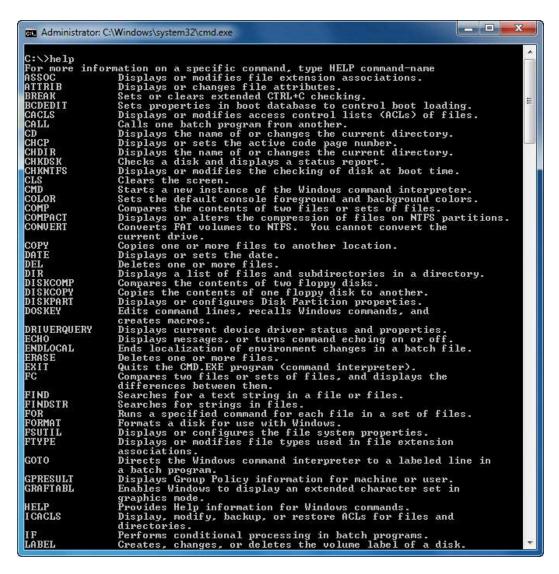
C:\Users\cd ..

C:\\>
```

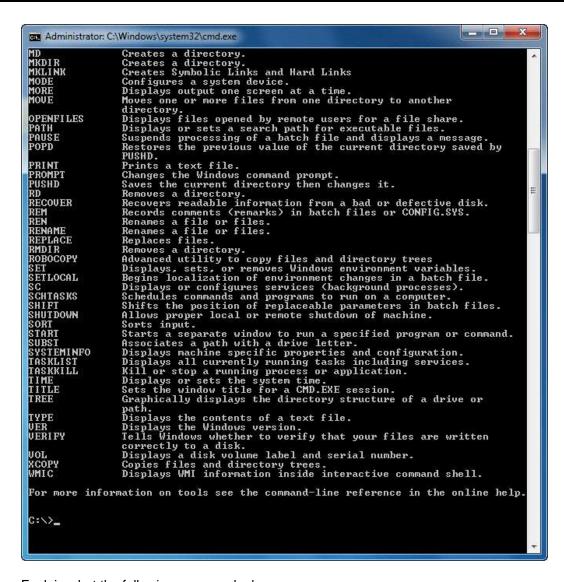
What directory are you at now?

Step 3

At the command prompt, type **help** and then press **Enter**.



Note: More commands show on next page.



Explain what the following commands do.

ATTRIB:

CD or CHDIR:

CLS:

COPY:

DEL:

DIR:

EXIT:

MD or MKDIR:

Move:

RD or RMDIR:

ROBOCOPY (Note, this command only works in Windows Vista and Windows 7):

XCOPY:

Step 4

At the command prompt, type dir and then press Enter.

Note: For Windows XP, replace Users with Documents and Settings. You will need to do this for the rest of the lab.

Is there a directory (DIR) called Users?

At the command prompt, type **cd users** and then press **Enter**.



At the command prompt, type dir and then press Enter.

Is there a directory listed for the account you are logged on to the computer with?

What is that account name?

At the command prompt, change to the account name in which you are logged on. Example: Type **cd administrator**, and then press **Enter**.

At the command prompt, type **dir** and then press **Enter**.

Notice there is a directory called "Desktop".

At the command prompt, type cd desktop and then press Enter.

```
Administrator: C:\Windows\system32\cmd.exe

c:\Users\Administrator\cd desktop

c:\Users\Administrator\Desktop>
```

At the command prompt, type **cd c:** and then press **Enter**.

```
Administrator: C:\Windows\system32\cmd.exe

c:\Users\Administrator\cd desktop

c:\Users\Administrator\Desktop\cd c:\

c:\>
```

At the command prompt, type cd user/administrator/desktop and then press Enter.

Note: Change "administrator" with the name you are logged onto the computer.

```
Administrator: C:\Windows\system32\cmd.exe

c:\>cd users\administrator\desktop

c:\Users\Administrator\Desktop>
```

Step 5

At the command prompt, type **md ITEfolder1** and then press **Enter**.

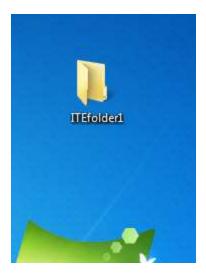
```
Administrator: C:\Windows\system32\cmd.exe

c:\>cd users\administrator\desktop

c:\Users\Administrator\Desktop>md ITEfolder1

c:\Users\Administrator\Desktop>
```

Look at the "Desktop".

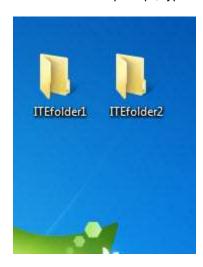


What do you see?

Make another folder at the "Desktop".



At the command prompt, type **md ITEfolder2** and then press **Enter**.



Do you now have two folders at the "Desktop" labeled "ITEfolder1" and "ITEfolder2"?

If not, ask the instructor for assistance.

Step 6

At the command prompt, type **cls** and then press **Enter**.



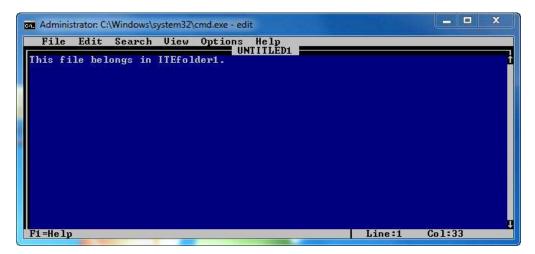
What happened?

Now you will make a file and save it to ITEfolder1.

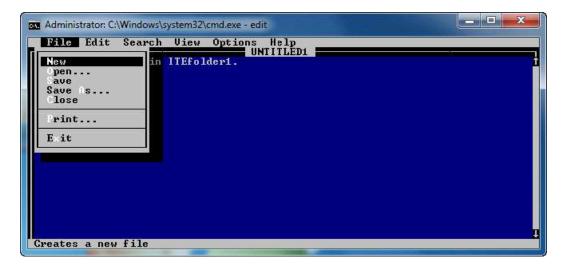


At the command prompt, type edit and then press Enter.

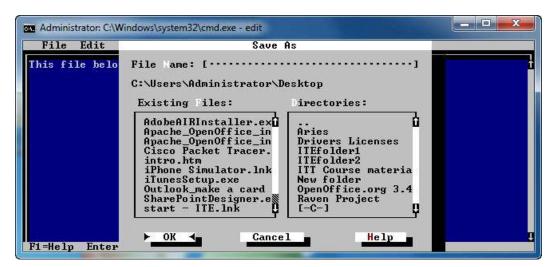
In the DOS editor, type This file belongs in ITEfolder1.



Press the following key combination **Alt** and **F** at the same time.



When the "File" menu opens, press the A key.



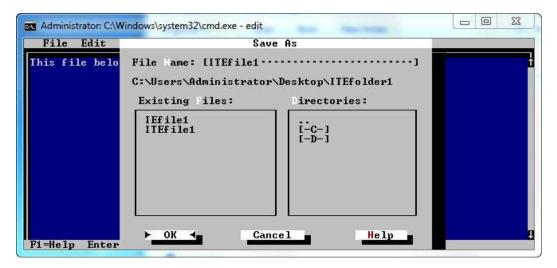
Press the following key combination **Alt** and **D**, and then press the down arrow key until the folder **ITEfolder1** is selected.



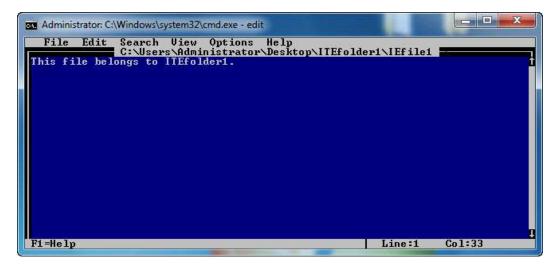
Press Enter.

Press the **Tab** key four times, until the curser is located at the "File Name:" field.

Type the "File Name:" ITEfile1.

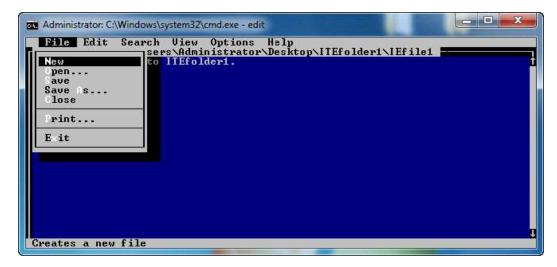


Press Enter.



Where is the file saved?

Press Alt and F, and then press X.



Open the "ITEfolder1" on the "Desktop".



What do you notice?

Step 7

At the command prompt, type **cls** and then press **Enter**.

```
C:\Users\ADMINI~1\Desktop\cd ITEfolder1

C:\Users\ADMINI~1\Desktop\top\ITEfolder1\dir
Uolume in drive C has no label.
Uolume Serial Number is 8A89-4C5F

Directory of C:\Users\ADMINI~1\Desktop\ITEfolder1

10/08/2012 10:34 AM \ \(\text{OIR}\)
10/08/2012 10:34 AM \ \(\text{OIR}\)
10/08/2012 10:33 AM \ 34 ITEfile1
1 File(s) 34 bytes
2 Dir(s) 451,965,947,904 bytes free

C:\Users\ADMINI~1\Desktop\ITEfolder1>
```

At the command prompt, type **cd ITEfolder1**, press **Enter**, and then type **dir**.

How many files are listed?

What is the size of the file?

At the command prompt, type **cd** .. and then press **Enter**.

Type cd ITEfolder2 and then press Enter.

Type dir and then press Enter.

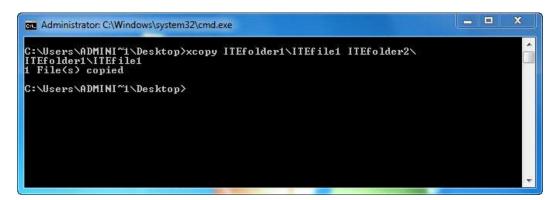
How many files are listed?

Step 8

Type cd .. and then press Enter.

Type **cd** .. and then press **Enter**.

At the command prompt, type cls.



At the command prompt, type xcopy ITEfolder1\ITEfile1 ITEfolder2\.

How many files were copied?



Type **cd ITEfolder2** and press **Enter**, then type **dir**, and then press **Enter**.

How many files are listed?

What is the size of the file?

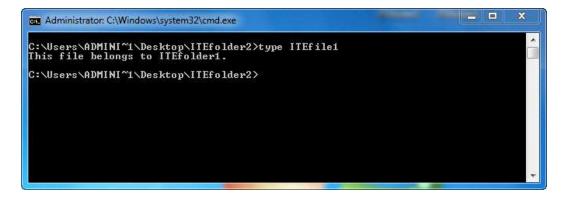
Open the "ITEfolder2" on the Desktop.



What do you notice?

Step 9

At the command prompt, type **cls** and then press **Enter**.

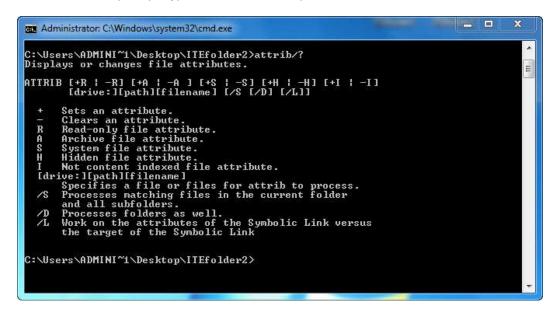


Type type ITEfile1 and then press Enter.

What is displayed after the command you just typed?

Step 10

At the command prompt, type attrib/? and then press Enter.



Define the following attributes:

- R -
- A –
- S-
- H –

At the command prompt, type attrib and then press Enter.



What attribute does the ITEfile1 file have?

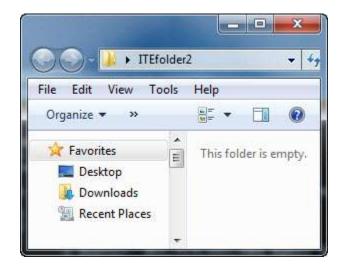
Step 11

At the command prompt, type **cls** and then press **Enter**.

Type **del ITEfile1**, press **Enter**, type **dir**, and press **Enter**.

Is the "ITEfile1" file still listed in the directory?

Open the "ITEfolder2" on the Desktop.



What do you notice?

At the command prompt, type **cd** .. and then press **Enter**.

Type rd ITEfolder2 and then press Enter.

```
Administrator: C:\Windows\system32\cmd.exe
C:\Users\ADMINI~1\Desktop\ITEfolder2>cd ..
C:\Users\ADMINI~1\Desktop>rd ITEfolder2
 :\Users\ADMINI^1\Desktop>dir
Volume in drive C has no label.
Volume Serial Number is 8A89-4C5F
 Directory of C:\Users\ADMINI~1\Desktop
    08/2012 11:43 HM

28/2012 10:09 AM

20/2012 01:07 PM

nstall_en_US.exe

20/2012 12:37 PM

nstall_en_US
                                                15,428,440 AdobeAlRInstaller.exe
151,801,119 Apache_OpenOffice_incubating_3.4.0_Win_x8
                 Aries
Cisco Packet Tracer.lnk
Drivers Licenses
intro.htm
iPhone Simulator.lnk
ITEfolder1
ITT Course materials
iTunesSetup.exe
                                           <DIR>
                                                           4,123
                                           <DIR>
                                                  77,251,480
                                           <DIR>
                                                                      OpenOffice.org 3.4 (en-US) Installation F
                                           89,750 Outlook_make a card Training.docx
(DIR> Raven Project
266,433,120 SharePointDesigner.exe
1,492 start - ITE.lnk
1,980 tuxtype2-1.5.3.lnk
983 Typing Invaders.lnk
662,816,766 bytes
451,914,637,312 bytes free
                                          <DIR>
266,433,120
```

Type dir and then press Enter.

Is folder "ITEfolder2" listed?

Is folder "ITEfolder2" shown on the "Desktop"?

Step 12

At the command prompt, type **cls** and then press **Enter**.



Type **rd ITEfolder1** and then press **Enter**.

What message do you get?

Type rd/?.

```
C:\Users\ADMINI~i\Desktop>rd/?
Removes (deletes) a directory.

RMDIR [/$] [/q] [drive:]path
RD [/$] [/q] [drive:]path

/$ Removes all directories and files in the specified directory in addition to the directory itself. Used to remove a directory tree.

/q Quiet mode, do not ask if ok to remove a directory tree with /$

C:\Users\ADMINI~1\Desktop>
```

What letter can you add to "RD" so all files and the directory are removed?

Type rd ITEfolder1 /s and then press Enter.

```
C:\Users\aDMINI^1\Desktop\rd/?
Removes (deletes) a directory.

RMDIR [/S] [/Q] [drive:]path
RD [/S] [/Q] [drive:]path

/S Removes all directories and files in the specified directory in addition to the directory itself. Used to remove a directory tree.

/Q Quiet mode, do not ask if ok to remove a directory tree with /S

C:\Users\aDMINI^1\Desktop\rd ITEfolder1 /s
ITEfolder1, Are you sure (Y/N)? y

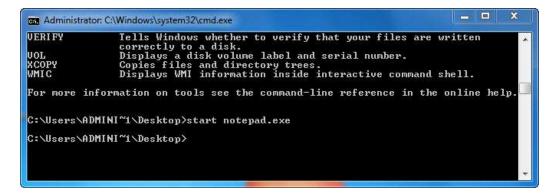
C:\Users\aDMINI^1\Desktop\
```

When prompted, type Y and press Enter.

Is folder "ITEfolder1" shown on the "Desktop"?

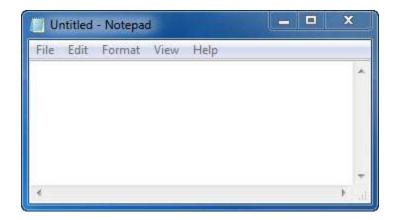
Step 13

At the command prompt, type **cls** and then press **Enter**.

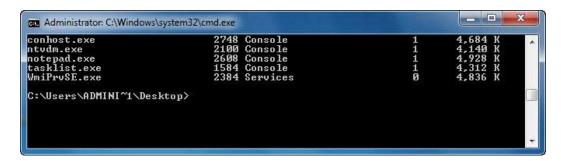


Type **start notepad.exe** and press **Enter**.

What happens?

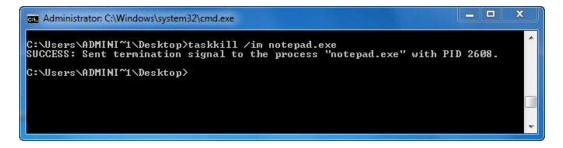


At the command prompt, type tasklist and then press Enter.



Is Notepad listed?

Type taskkill /im notepad.exe and press Enter.



What happens?