

Comparing Linux Commands With Windows Commands

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2095

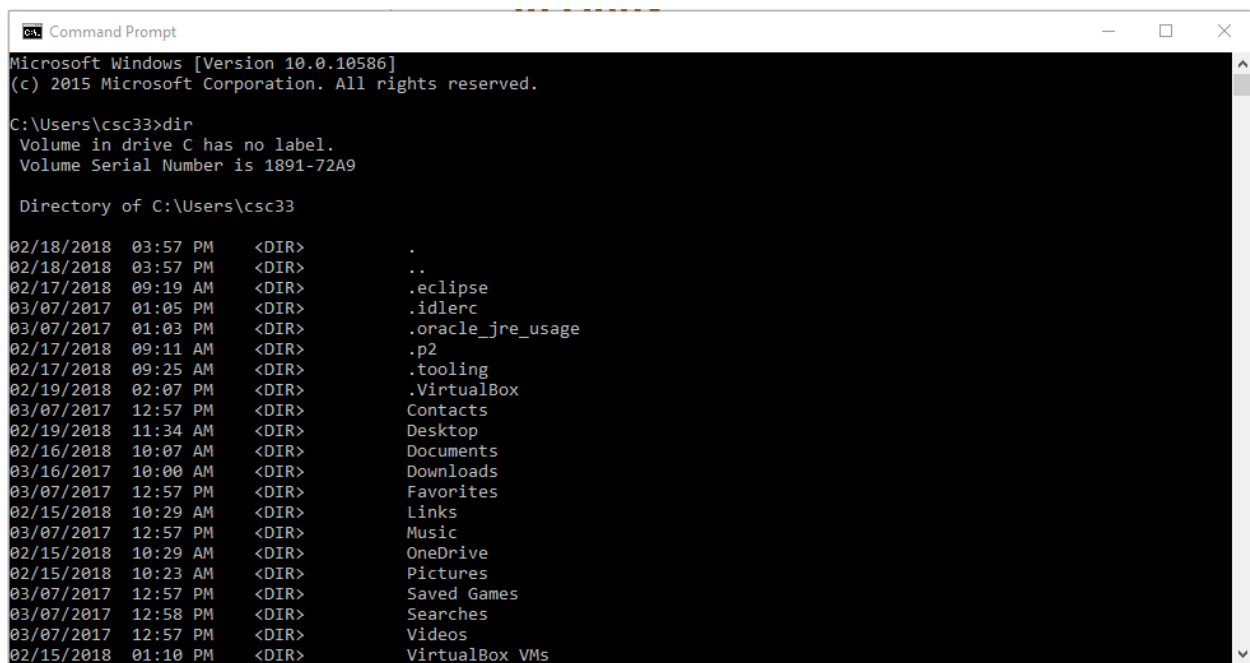
Comparing Is Command

In Linux:

In linux “ls” command used to list down the information about files.

In Windows:

The compatible command for windows is “dir”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The text inside shows the Windows version (10.0.10586) and copyright information (© 2015 Microsoft Corporation). The user is at the prompt "C:\Users\csc33>dir". The output shows the volume information for drive C and a directory listing for C:\Users\csc33. The directory listing includes files like .eclipse, .idlerc, .oracle_jre_usage, .p2, .tooling, .VirtualBox, Contacts, Desktop, Documents, Downloads, Favorites, Links, Music, OneDrive, Pictures, Saved Games, Searches, Videos, and VirtualBox VMs, each with its date, time, and file type (e.g., <DIR>).

```
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\csc33>dir
Volume in drive C has no label.
Volume Serial Number is 1891-72A9

Directory of C:\Users\csc33

02/18/2018  03:57 PM  <DIR>      .
02/18/2018  03:57 PM  <DIR>      ..
02/17/2018  09:19 AM  <DIR>      .eclipse
03/07/2017  01:05 PM  <DIR>      .idlerc
03/07/2017  01:03 PM  <DIR>      .oracle_jre_usage
02/17/2018  09:11 AM  <DIR>      .p2
02/17/2018  09:25 AM  <DIR>      .tooling
02/19/2018  02:07 PM  <DIR>      .VirtualBox
03/07/2017  12:57 PM  <DIR>      Contacts
02/19/2018  11:34 AM  <DIR>      Desktop
02/16/2018  10:07 AM  <DIR>      Documents
03/16/2017  10:00 AM  <DIR>      Downloads
03/07/2017  12:57 PM  <DIR>      Favorites
02/15/2018  10:29 AM  <DIR>      Links
03/07/2017  12:57 PM  <DIR>      Music
02/15/2018  10:29 AM  <DIR>      OneDrive
02/15/2018  10:23 AM  <DIR>      Pictures
03/07/2017  12:57 PM  <DIR>      Saved Games
03/07/2017  12:58 PM  <DIR>      Searches
03/07/2017  12:57 PM  <DIR>      Videos
02/15/2018  01:10 PM  <DIR>      VirtualBox VMs
```

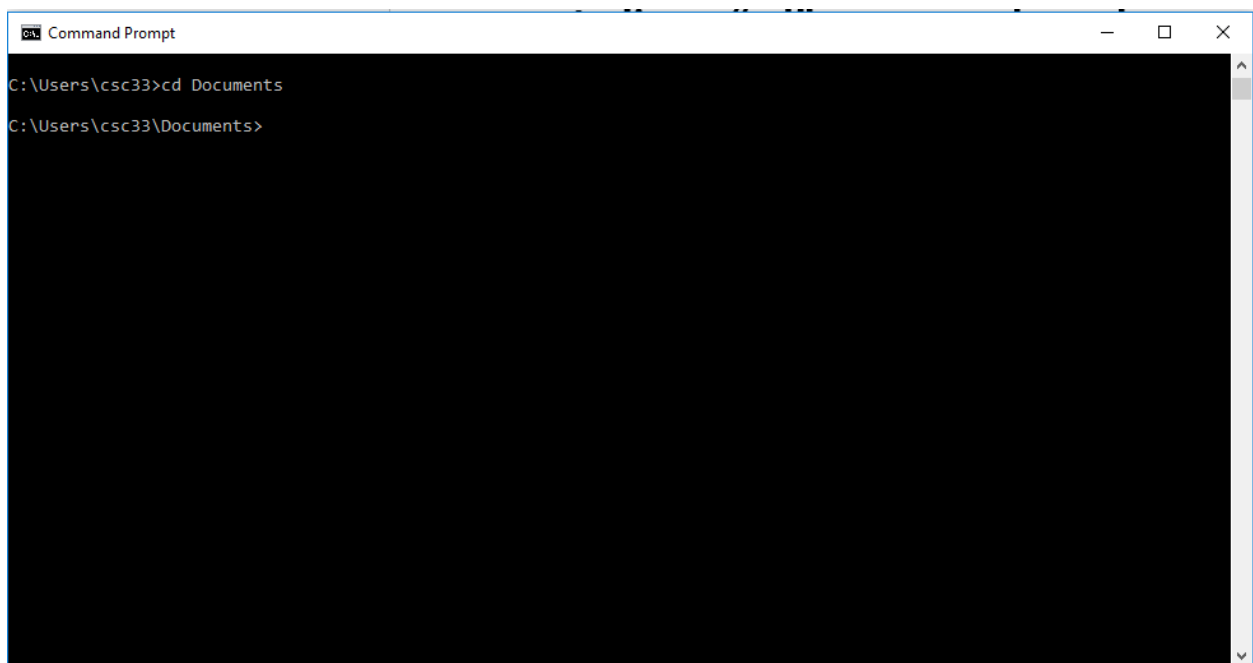
Comparing “cd” Command

In linux:

In linux “cd” command used to “Change the directory”.

In Windows:

The compatible command for windows is also “cd”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command prompt shows the current directory as "C:\Users\csc33\". The user has entered the command "cd Documents", and the prompt has updated to "C:\Users\csc33\Documents>".

```
Command Prompt
C:\Users\csc33>cd Documents
C:\Users\csc33\Documents>
```

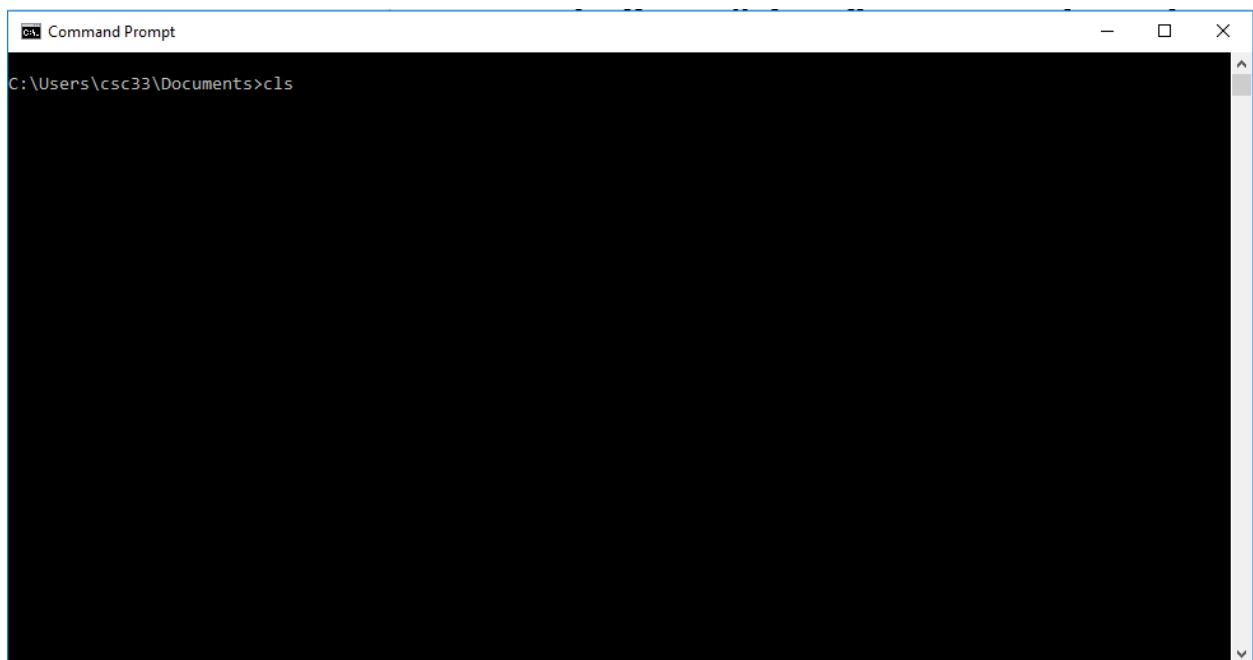
Comparing “clear” Command

In Linux:

In linux “clear” command used to clear the history of the Command Prompt.

In Windows:

The compatible command for windows is “cls”.



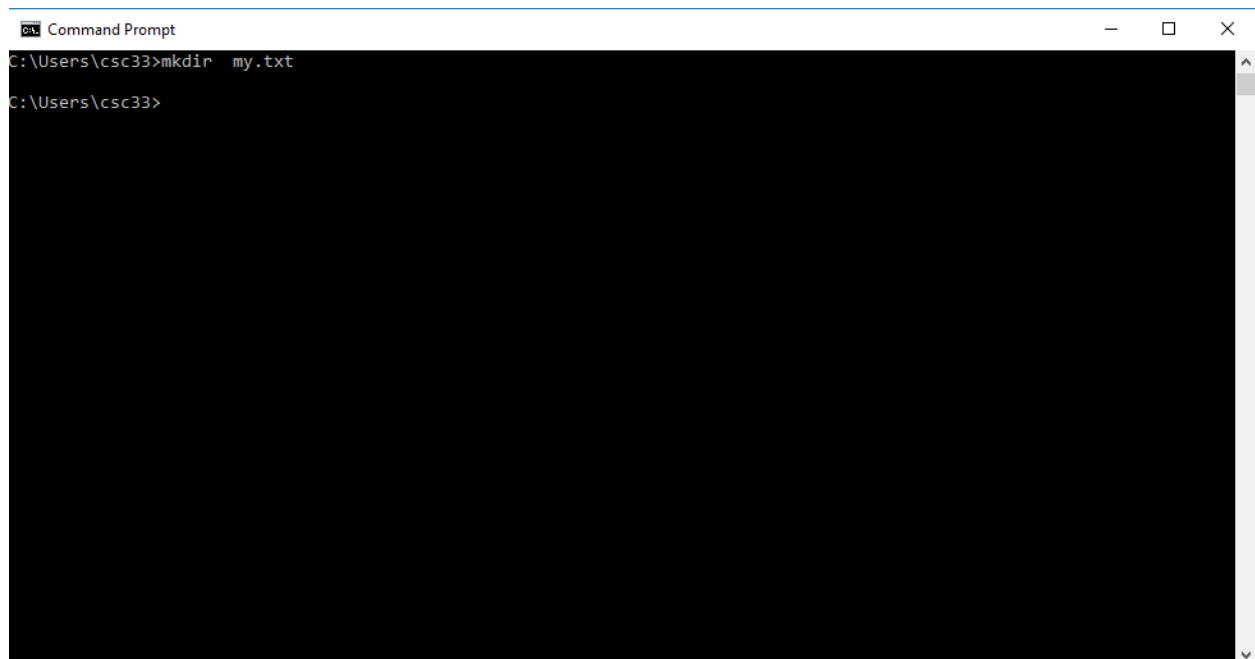
Comparing “mkdir” Command

In Linux:

In linux “mkdir” command used to create a new directory .

In Windows:

In Windows compatible command is already “mkdir”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command prompt shows the current directory as "C:\Users\csc33". The user has entered the command "mkdir my.txt", and the prompt has moved to the next line, still showing "C:\Users\csc33>".

```
Command Prompt
C:\Users\csc33>mkdir my.txt
C:\Users\csc33>
```

Comparing “cp” Command

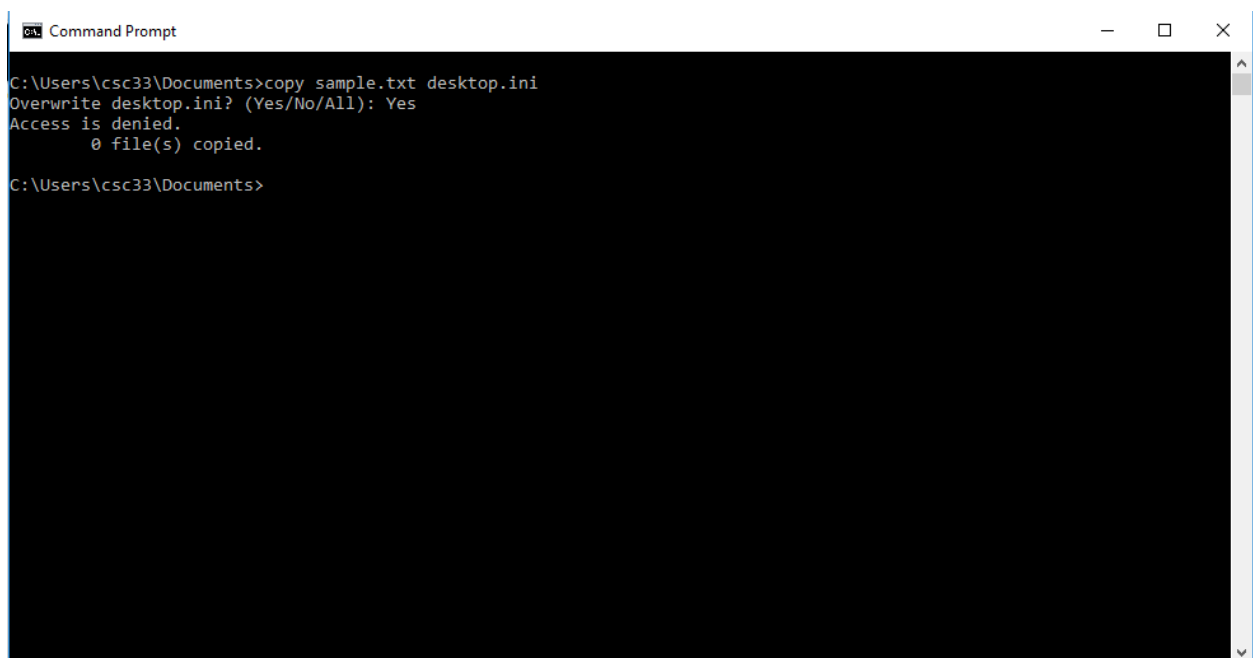
In Linux:

In Linux “cp” used to copy a file from one place to another.

(cp -r source_path destination_path)

In Windows:

In windows compatible command for “cp” is “copy”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command prompt shows the following text:

```
C:\Users\csc33\Documents>copy sample.txt desktop.ini
Overwrite desktop.ini? (Yes/No/All): Yes
Access is denied.
0 file(s) copied.
C:\Users\csc33\Documents>
```

The window has a standard Windows interface with a title bar, maximize, minimize, and close buttons, and a scrollbar on the right side.

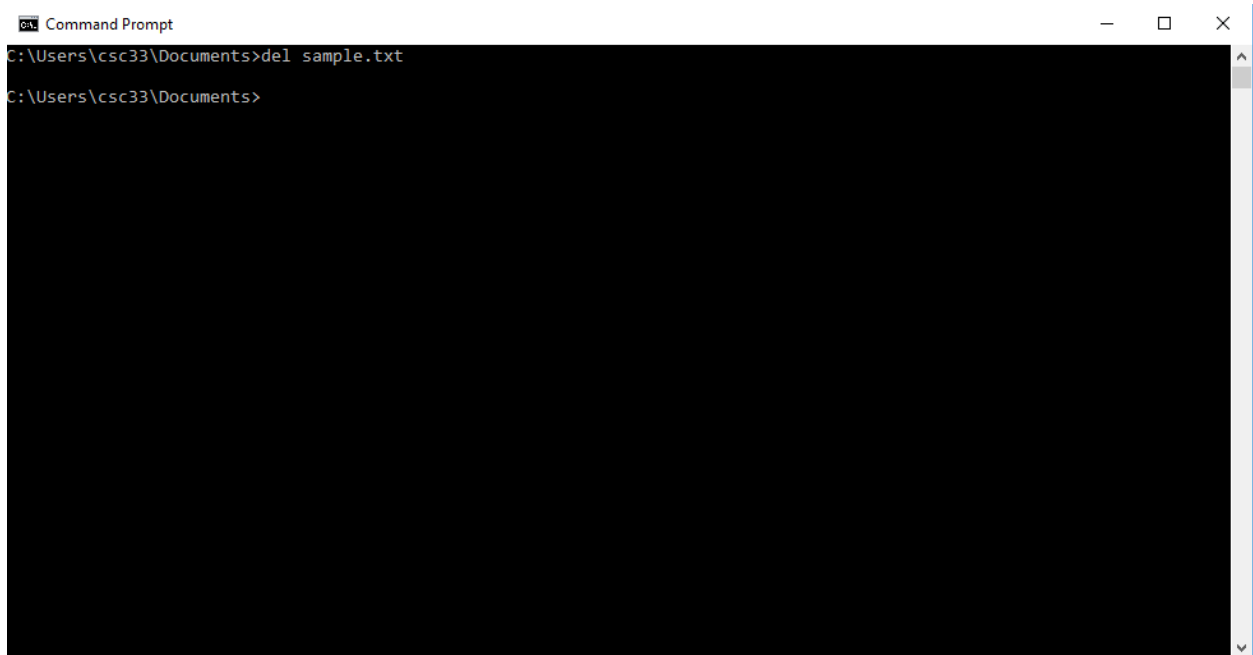
Comparing “rm” Command

In Linux:

In Linux “rm” used to delete a directory.

In Windows:

In windows the compatible command for “rm” is “del”.

A screenshot of a Windows Command Prompt window. The title bar at the top reads "Command Prompt". The command prompt shows the current directory as "C:\Users\csc33\Documents". The user has entered the command "del sample.txt", and the prompt has moved to the next line, still showing the same directory path. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
Command Prompt
C:\Users\csc33\Documents>del sample.txt
C:\Users\csc33\Documents>
```

Comparing “mv” Command

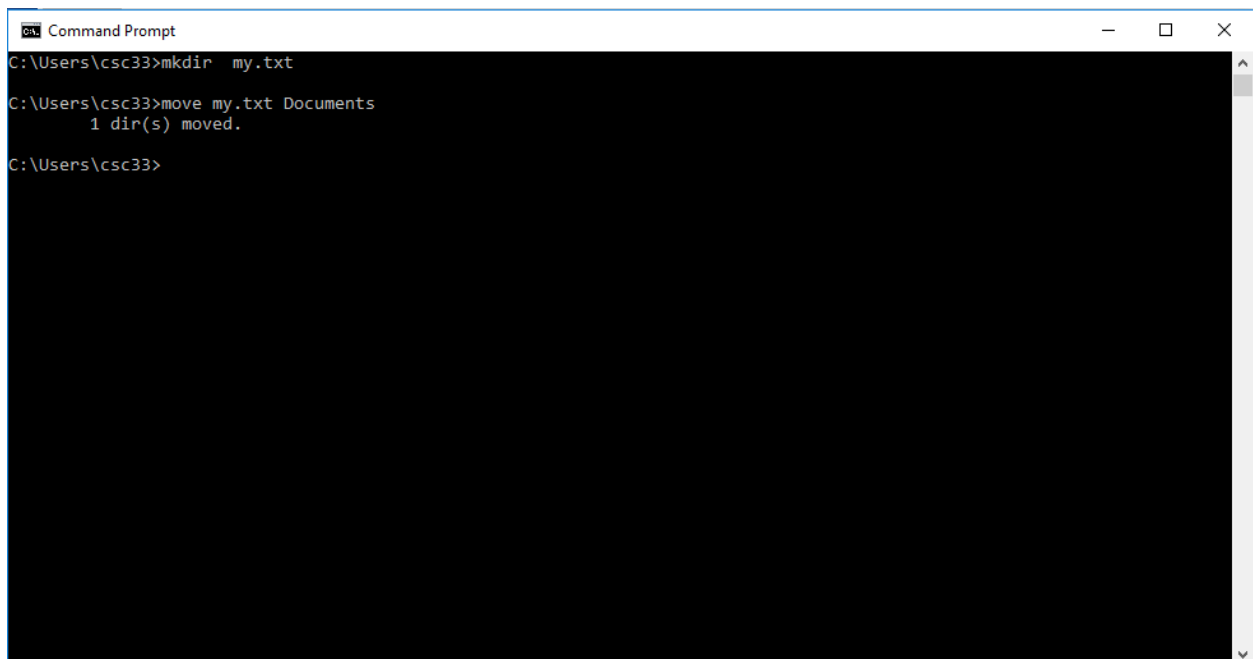
In Linux:

In Linux “mv” command used to move a file from one place to another.

(mv source_path destination_path)

In Windows:

In Windows compatible command for “mv” is “move”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command history shows: 1. "C:\Users\csc33>mkdir my.txt" 2. "C:\Users\csc33>move my.txt Documents" followed by the output "1 dir(s) moved." 3. The prompt returns to "C:\Users\csc33>".

```
Command Prompt
C:\Users\csc33>mkdir my.txt
C:\Users\csc33>move my.txt Documents
1 dir(s) moved.
C:\Users\csc33>
```

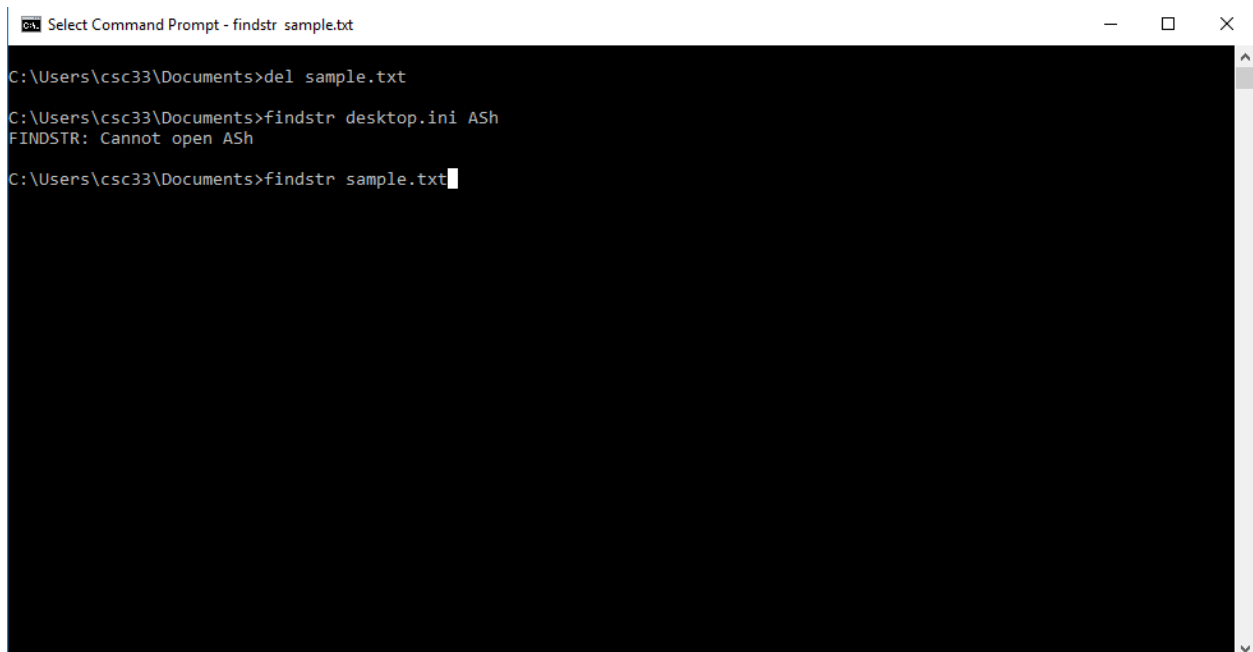

Comparing “grep” Command

In Linux:

In linux “grep” command used search for pattern in each file or standard input.

In Windows:

In windows compatible command for “grep” is “findstr”.



```
Select Command Prompt - findstr sample.txt

C:\Users\csc33\Documents>del sample.txt

C:\Users\csc33\Documents>findstr desktop.ini ASh
FINDSTR: Cannot open ASH

C:\Users\csc33\Documents>findstr sample.txt
```

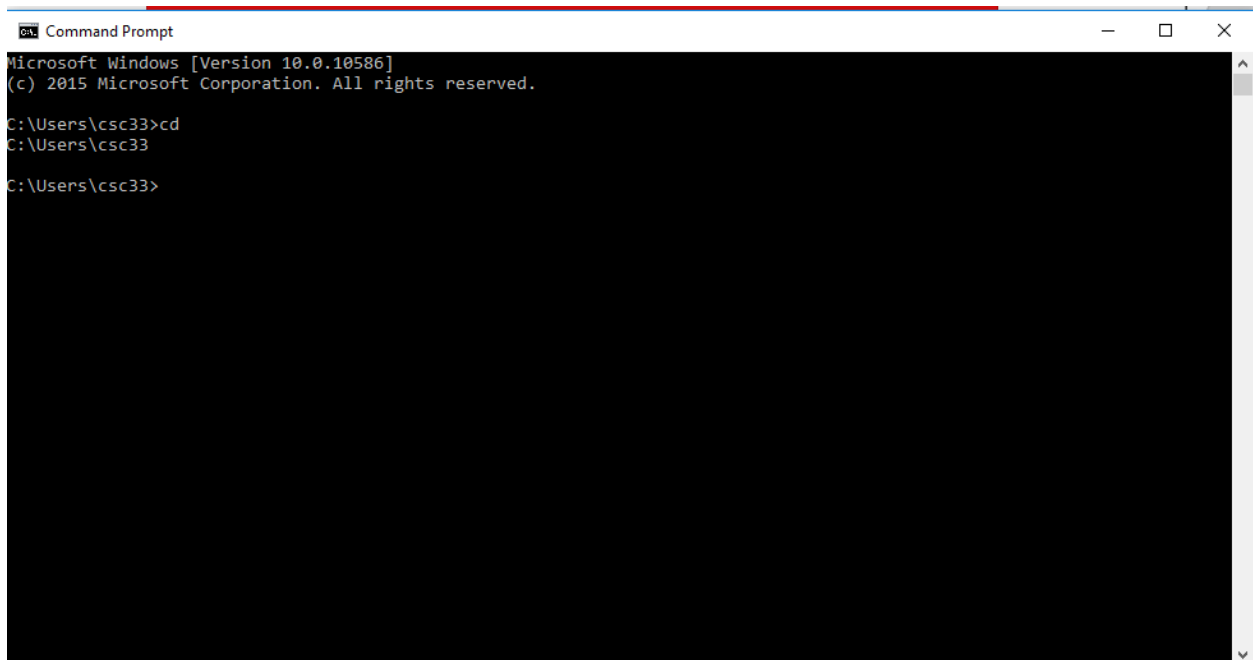
Comparing “pwd” Command

In Linux:

In linux “pwd” command used to print the working directory.

In Windows:

In Windows compatible command for “pwd” is “cd”.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The window content shows the following text: "Microsoft Windows [Version 10.0.10586]", "(c) 2015 Microsoft Corporation. All rights reserved.", "C:\Users\csc33>cd", "C:\Users\csc33", and "C:\Users\csc33>". The background is black, and the text is white. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\csc33>cd
C:\Users\csc33
C:\Users\csc33>
```

Comparing “echo” Command

In Linux:

In linux “echo” command used to write arguments to the standard output.

In Windows:

In Windows the compatible command for “echo” is already “echo”.

A screenshot of a Windows Command Prompt window. The title bar at the top reads "Command Prompt". The command prompt shows the command `C:\Users\csc33>echo Documents` and its output `Documents` on the next line. The prompt then returns to `C:\Users\csc33>`. The window has a black background and a vertical scrollbar on the right side.

```
Command Prompt
C:\Users\csc33>echo Documents
Documents
C:\Users\csc33>
```

