

C:\Users\himan>help

For more information on a specific command, type HELP command-name

ASSOC	Displays or modifies file extension associations.
ATTRIB	Displays or changes file attributes.
BREAK	Sets or clears extended CTRL+C checking.
BCDEDIT	Sets properties in boot database to control boot loading.
CACLS	Displays or modifies access control lists (ACLs) of files.
CALL	Calls one batch program from another.
CD	Displays the name of or changes the current directory.
CHCP	Displays or sets the active code page number.
CHDIR	Displays the name of or changes the current directory.
CHKDSK	Checks a disk and displays a status report.
CHKNTFS	Displays or modifies the checking of disk at boot time.
CLS	Clears the screen.
CMD	Starts a new instance of the Windows command interpreter.
COLOR	Sets the default console foreground and background colors.
COMP	Compares the contents of two files or sets of files.
COMPACT	Displays or alters the compression of files on NTFS partitions.
CONVERT	Converts FAT volumes to NTFS. You cannot convert the current drive.
COPY	Copies one or more files to another location.
DATE	Displays or sets the date.
DEL	Deletes one or more files.
DIR	Displays a list of files and subdirectories in a directory.
DISKPART	Displays or configures Disk Partition properties.
DOSKEY	Edits command lines, recalls Windows commands, and creates macros.
DRIVERQUERY	Displays current device driver status and properties.
ECHO	Displays messages, or turns command echoing on or off.
ENDLOCAL	Ends localization of environment changes in a batch file.
ERASE	Deletes one or more files.
EXIT	Quits the CMD.EXE program (command interpreter).
FC	Compares two files or sets of files, and displays the differences between them.
FIND	Searches for a text string in a file or files.
FINDSTR	Searches for strings in files.
FOR	Runs a specified command for each file in a set of files.
FORMAT	Formats a disk for use with Windows.
FSUTIL	Displays or configures the file system properties.
FTYPE	Displays or modifies file types used in file extension associations.
GOTO	Directs the Windows command interpreter to a labeled line in a batch program.
GPRESULT	Displays Group Policy information for machine or user.
HELP	Provides Help information for Windows commands.
ICACLS	Display, modify, backup, or restore ACLs for files and directories.

IF	Performs conditional processing in batch programs.
LABEL	Creates, changes, or deletes the volume label of a disk.
MD	Creates a directory.
MKDIR	Creates a directory.
MKLINK	Creates Symbolic Links and Hard Links
MODE	Configures a system device.
MORE	Displays output one screen at a time.
MOVE	Moves one or more files from one directory to another directory.
OPENFILES	Displays files opened by remote users for a file share.
PATH	Displays or sets a search path for executable files.
PAUSE	Suspends processing of a batch file and displays a message.
POPD	Restores the previous value of the current directory saved by PUSH.
PRINT	Prints a text file.
PROMPT	Changes the Windows command prompt.
PUSH	Saves the current directory then changes it.
RD	Removes a directory.
RECOVER	Recovers readable information from a bad or defective disk.
REM	Records comments (remarks) in batch files or CONFIG.SYS.
REN	Renames a file or files.
RENAME	Renames a file or files.
REPLACE	Replaces files.
RMDIR	Removes a directory.
ROBOCOPY	Advanced utility to copy files and directory trees
SET	Displays, sets, or removes Windows environment variables.
SETLOCAL	Begins localization of environment changes in a batch file.
SC	Displays or configures services (background processes).
SCHTASKS	Schedules commands and programs to run on a computer.
SHIFT	Shifts the position of replaceable parameters in batch files.
SHUTDOWN	Allows proper local or remote shutdown of machine.
SORT	Sorts input.
START	Starts a separate window to run a specified program or command.
SUBST	Associates a path with a drive letter.
SYSTEMINFO	Displays machine specific properties and configuration.
TASKLIST	Displays all currently running tasks including services.
TASKKILL	Kill or stop a running process or application.
TIME	Displays or sets the system time.
TITLE	Sets the window title for a CMD.EXE session.
TREE	Graphically displays the directory structure of a drive or path.
TYPE	Displays the contents of a text file.
VER	Displays the Windows version.
VERIFY	Tells Windows whether to verify that your files are written correctly to a disk.
VOL	Displays a disk volume label and serial number.
XCOPY	Copies files and directory trees.
WMIC	Displays WMI information inside interactive command shell.

For more information on tools see the command-line reference in the online help.

C:\Users\himan>

```
C:\Users\himan>cd practical_folder
The system cannot find the path specified.
```

```
C:\Users\himan>cd practical_folder
The system cannot find the path specified.
```

```
C:\Users\himan>cd
C:\Users\himan
```

```
C:\Users\himan>dir
Volume in drive C is Windows
Volume Serial Number is 9048-2C9E
```

```
Directory of C:\Users\himan
```

10-01-2026	22:22	<DIR>	.
08-12-2024	17:11	<DIR>	..
27-12-2025	19:51		1,152 .bash_history
10-01-2026	22:22	<DIR>	.cache
10-01-2026	22:23	<DIR>	.gemini
25-12-2025	23:35		61 .gitconfig
25-12-2025	23:43		20 .lessht
10-08-2025	15:03	<DIR>	.redhat
06-12-2024	23:27	<DIR>	.vscode
08-12-2024	17:19	<DIR>	Contacts
18-12-2024	21:02	<DIR>	CrossDevice
03-12-2024	10:28	<DIR>	Documents
12-01-2026	21:06	<DIR>	Downloads
08-12-2024	17:19	<DIR>	Favorites
08-12-2024	17:19	<DIR>	Links
09-05-2025	20:55		0 mahhs.c
06-12-2024	23:28		0 maths tae
08-12-2024	17:19	<DIR>	Music
27-09-2024	21:51	<DIR>	New folder
27-09-2024	21:51	<DIR>	New folder (2)
28-09-2024	22:45	<DIR>	office
28-09-2025	17:04	<DIR>	OneDrive
08-12-2024	17:19	<DIR>	Saved Games
08-12-2024	17:19	<DIR>	Searches
04-09-2024	21:52		420 This PC - Shortcut.lnk
08-12-2024	17:19	<DIR>	Videos
		6 File(s)	1,653 bytes
		20 Dir(s)	11,978,342,400 bytes free

```
C:\Users\himan>mkdir practical_folder
```

```
C:\Users\himan>cd practical_folder
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan>dir
Volume in drive C is Windows
Volume Serial Number is 9048-2C9E
```

Directory of C:\Users\himan

```
10-01-2026  22:22    <DIR>          .
08-12-2024  17:11    <DIR>          ..
27-12-2025  19:51             1,152 .bash_history
10-01-2026  22:22    <DIR>          .cache
10-01-2026  22:23    <DIR>          .gemini
25-12-2025  23:35             61 .gitconfig
25-12-2025  23:43             20 .lessht
10-08-2025  15:03    <DIR>          .redhat
06-12-2024  23:27    <DIR>          .vscode
08-12-2024  17:19    <DIR>          Contacts
18-12-2024  21:02    <DIR>          CrossDevice
03-12-2024  10:28    <DIR>          Documents
12-01-2026  21:06    <DIR>          Downloads
08-12-2024  17:19    <DIR>          Favorites
08-12-2024  17:19    <DIR>          Links
09-05-2025  20:55             0 mahhs.c
06-12-2024  23:28             0 maths tae
08-12-2024  17:19    <DIR>          Music
27-09-2024  21:51    <DIR>          New folder
27-09-2024  21:51    <DIR>          New folder (2)
28-09-2024  22:45    <DIR>          office
28-09-2025  17:04    <DIR>          OneDrive
08-12-2024  17:19    <DIR>          Saved Games
08-12-2024  17:19    <DIR>          Searches
04-09-2024  21:52             420 This PC - Shortcut.lnk
08-12-2024  17:19    <DIR>          Videos
               6 File(s)              1,653 bytes
               20 Dir(s)  11,978,342,400 bytes free
```

```
C:\Users\himan>mkdir practical_folder
```

```
C:\Users\himan>cd practical_folder
```

```
C:\Users\himan\practical_folder>dir
Volume in drive C is Windows
Volume Serial Number is 9048-2C9E
```

Directory of C:\Users\himan\practical\_folder

```
12-01-2026  21:54    <DIR>          .
12-01-2026  21:54    <DIR>          ..
               0 File(s)              0 bytes
               2 Dir(s)  11,979,317,248 bytes free
```

```
C:\Users\himan>mkdir practical_folder
```

```
C:\Users\himan>cd practical_folder
```

```
C:\Users\himan\practical_folder>dir
```

```
Volume in drive C is Windows  
Volume Serial Number is 9048-2C9E
```

```
Directory of C:\Users\himan\practical_folder
```

```
12-01-2026  21:54    <DIR>          .  
12-01-2026  21:54    <DIR>          ..  
             0 File(s)              0 bytes  
             2 Dir(s)  11,979,317,248 bytes free
```

```
C:\Users\himan\practical_folder>type practical_file.txt  
The system cannot find the file specified.
```

```
C:\Users\himan\practical_folder>echo This is my file > practical_file.txt
```

```
C:\Users\himan\practical_folder>dir
```

```
Volume in drive C is Windows  
Volume Serial Number is 9048-2C9E
```

```
Directory of C:\Users\himan\practical_folder
```

```
12-01-2026  21:59    <DIR>          .  
12-01-2026  21:54    <DIR>          ..  
12-01-2026  21:59                18 practical_file.txt  
             1 File(s)              18 bytes  
             2 Dir(s)  11,975,954,432 bytes free
```

```
C:\Users\himan\practical_folder>type practical_file.txt  
This is my file
```

```
C:\Users\himan\practical_folder>|
```

```
2 Dir(s) 11,975,954,432 bytes free
```

```
C:\Users\himan\practical_folder>type practical_file.txt  
The system cannot find the file specified.
```

```
C:\Users\himan\practical_folder>echo This is my file > practical_file.txt
```

```
C:\Users\himan\practical_folder>dir  
Volume in drive C is Windows  
Volume Serial Number is 9048-2C9E
```

```
Directory of C:\Users\himan\practical_folder
```

```
02-01-2026  21:59    <DIR>          .  
02-01-2026  21:54    <DIR>          ..  
02-01-2026  21:59                18 practical_file.txt  
           1 File(s)                18 bytes  
           2 Dir(s) 11,975,954,432 bytes free
```

```
C:\Users\himan\practical_folder>type practical_file.txt  
This is my file
```

```
C:\Users\himan\practical_folder>mkdir new_dir
```

Directory of C:\Users\himan\practical\_folder

12-01-2026	21:59	<DIR>	.	
12-01-2026	21:54	<DIR>	..	
12-01-2026	21:59		18	practical_file.txt
		1 File(s)		18 bytes
		2 Dir(s)	11,975,954,432	bytes free

C:\Users\himan\practical\_folder>type practical\_file.txt  
This is my file

C:\Users\himan\practical\_folder>mkdir new\_dir

C:\Users\himan\practical\_folder>cd  
C:\Users\himan\practical\_folder

C:\Users\himan\practical\_folder>

```
C:\Users\himan\practical_folder>echo Hello World  
Hello World
```

```
C:\Users\himan\practical_folder>|
```



```
C:\Users\himan\practical_folder>del practical_file.txt
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>rmdir new_dir
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>copy practical_file.txt copy_of_file.txt
Overwrite copy_of_file.txt? (Yes/No/All): Yes
      1 file(s) copied.
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>runas /user:administrator cmd
Enter the password for administrator: |
```

```
C:\Users\himan\practical_folder>move copy_of_file.txt practical_folder\  
The system cannot find the path specified.  
0 file(s) moved.
```

```
C:\Users\himan\practical_folder>|
```

0 file(s) moved.

```
C:\Users\himan\practical_folder>findstr "dummy" practical_file.txt
```

```
C:\Users\himan\practical_folder>
```

```
C:\Users\himan\practical_folder>findstr "dummy" practical_file.txt
```

```
C:\Users\himan\practical_folder>powershell -command "Get-Content practical_file.txt -Head 5"  
Hello
```

```
C:\Users\himan\practical_folder>|
```

0 file(s) moved.

```
C:\Users\himan\practical_folder>findstr "dummy" practical_file.txt
```

```
C:\Users\himan\practical_folder>powershell -command "Get-Content practical_file.txt -Head 5"
Hello
```

```
C:\Users\himan\practical_folder>powershell -command "Get-Content practical_file.txt -Tail 5"
Hello
```

```
C:\Users\himan\practical_folder>|
```



netto

```
C:\Users\himan\practical_folder>
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /deny %USERNAME%:(R)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>mkdir new_dir
```

```
C:\Users\himan\practical_folder>move copy_of_file.txt new_dir\
1 file(s) moved.
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /remove:d %USERNAME%
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:R|
```

1 file(s) moved.

```
C:\Users\himan\practical_folder>icaccls practical_file.txt /remove:d %USERNAME%  
processed file: practical_file.txt  
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>icaccls practical_file.txt /grant %USERNAME%:R  
processed file: practical_file.txt  
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>icaccls practical_file.txt /grant %USERNAME%:(R) /deny %USERNAME%:(W) /grant Users:(W)  
processed file: practical_file.txt  
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(R) /deny %USERNAME%:(W) /grant Users:(W)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(W) /remove "Everyone"
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(F)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(W) /remove "Everyone"  
processed file: practical_file.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\himan\practical_folder>D|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(F)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant Everyone:(RW)
Invalid parameter "Everyone:(RW)"
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /inheritance:r  
processed file: practical_file.txt  
Successfully processed 1 files; Failed processing 0 files
```

```
C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(RW)
Invalid parameter "himan:(RW)"
```

```
C:\Users\himan\practical_folder>
```



```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant %USERNAME%:(RX) /grant Users:(R)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\himan\practical_folder>|
```

```
C:\Users\himan\practical_folder>icacls practical_file.txt /grant Everyone:(RX)
processed file: practical_file.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\himan\practical_folder>|
```

```
: \Users\himan\practical_folder>icaccls practical_file.txt /grant Everyone:(RX)
rocessed file: practical_file.txt
uccessfully processed 1 files; Failed processing 0 files

: \Users\himan\practical_folder>
```