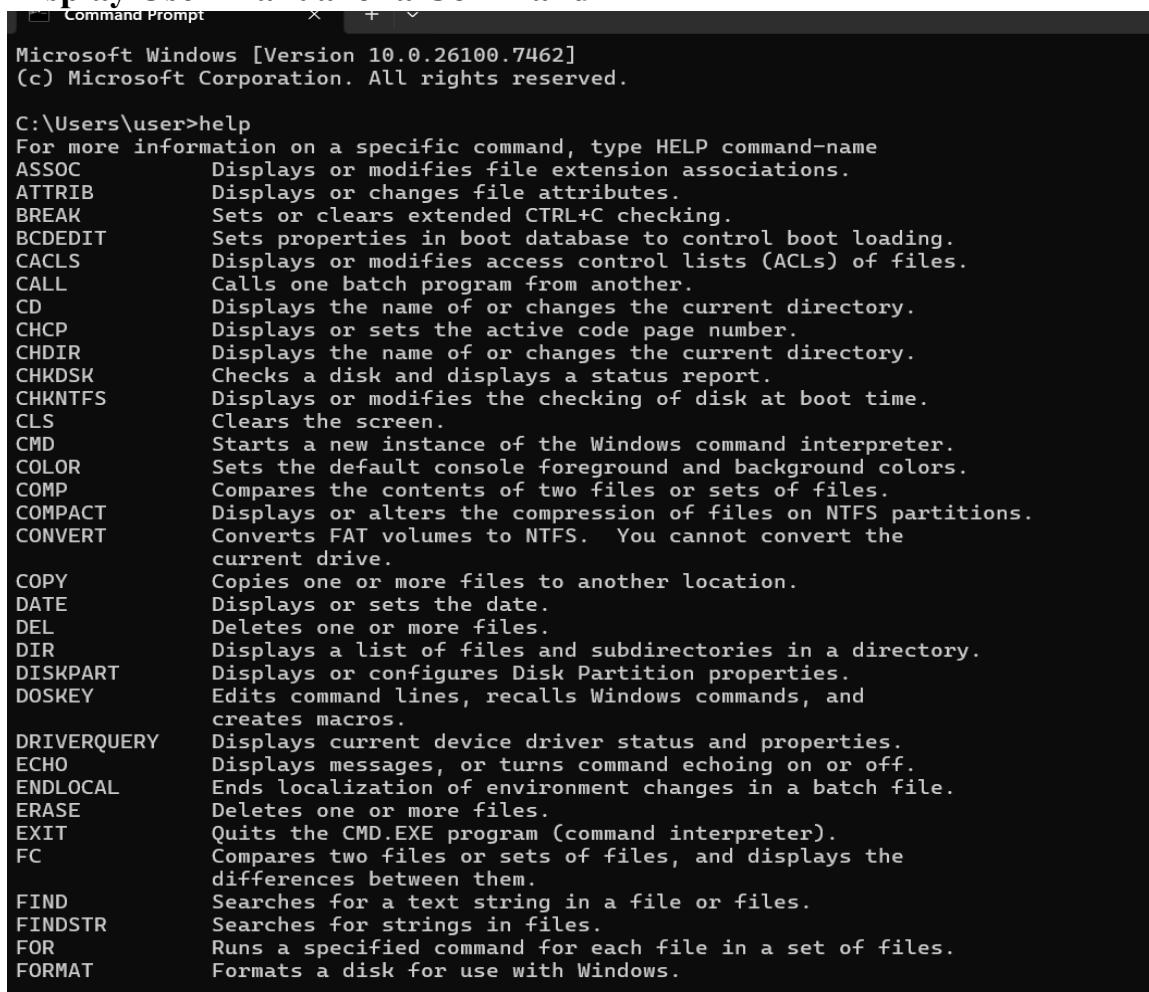


COMMANDS

1. Display User Manual of a Command



```
Microsoft Windows [Version 10.0.26100.7462]
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C:\Users\user>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.
```

```
Command Prompt      X + ▾
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
PUSHD.
PRINT     Prints a text file.
PROMPT    Changes the Windows command prompt.
PUSHD     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.
```

```
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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\user>dir
Volume in drive C is Windows
Volume Serial Number is 463B-D231
```

2. Change Current Working Directory.

```
C:\Users\user>cd Desktop  
C:\Users\user\Desktop>|
```

3. List Contents of the Current Directory.

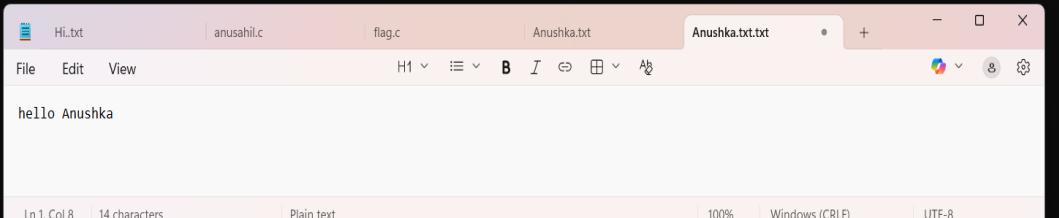
```
C:\Users\user>dir  
Volume in drive C is Windows  
Volume Serial Number is 463B-D231  
  
Directory of C:\Users\user  
  
19-01-2026 15:52 <DIR> .  
25-03-2025 16:38 <DIR> ..  
19-01-2026 15:41 1,527 .bash_history  
18-01-2026 20:39 65 .gitconfig  
18-01-2026 20:44 20 .lessht  
26-11-2024 03:39 <DIR> .ms-ad  
11-03-2025 12:40 <DIR> .vscode  
25-03-2025 19:56 <DIR> Contacts  
19-01-2026 15:41 <DIR> Desktop  
13-12-2025 22:01 <DIR> Documents  
19-01-2026 15:08 <DIR> Downloads  
25-03-2025 19:56 <DIR> Favorites  
25-03-2025 19:56 <DIR> Links  
25-03-2025 19:56 <DIR> Music  
27-11-2024 04:42 <DIR> OneDrive  
18-01-2026 18:14 <DIR> OS_CD24003  
01-09-2025 20:51 <DIR> Pictures  
12-03-2025 16:49 1,125 practical-2.html  
12-03-2025 16:38 1,927 rupali4.html  
25-03-2025 19:56 <DIR> Saved Games  
25-03-2025 19:56 <DIR> Searches  
06-10-2025 23:29 <DIR> Videos  
5 File(s) 4,664 bytes  
17 Dir(s) 385,939,640,320 bytes free
```

4. Read/Modify/Concatenate Text Files.

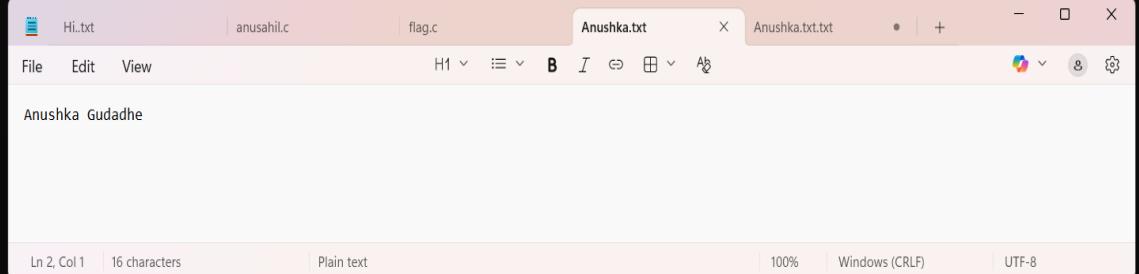
- Read a text file:

```
C:\Users\user\Desktop>echo hello > Anushka > Anushka.txt.txt  
  
C:\Users\user\Desktop>type Anushka.txt.txt  
hello  
  
C:\Users\user\Desktop>echo hello Anushka > Anushka.txt.txt  
  
C:\Users\user\Desktop>type Anushka.txt.txt  
hello Anushka
```

- Modify a text file

```
C:\Users\user\Desktop>notepad Anushka.txt.txt  
C:\Users\user\Desktop>
```

- Concatenate text file

```
C:\Users\user\Desktop>Anushka.txt.txt Name Anushkas.txt  
C:\Users\user\Desktop>
```

5. Create a New Directory.

```
C:\Users\user\Desktop> mkdir Practical  
  
C:\Users\user\Desktop>md Practical  
A subdirectory or file Practical already exists.
```

6. Display Current Working Directory.

```
C:\Users\user\Desktop>cd  
C:\Users\user\Desktop
```

7. Write its Arguments to Standard Output.

```
C:\Users\user\Desktop>echo Practical Os  
Practical Os
```

8. Remove a File.

```
C:\Users\user\Desktop>del A.txt  
C:\Users\user\Desktop>
```

9. Delete a Directory.

```
C:\Users\user\Desktop>rmdir/s Anushka  
Anushka, Are you sure (Y/N)?  
Anushka, Are you sure (Y/N)? y  
The system cannot find the file specified.  
C:\Users\user\Desktop>
```

10. Copy a File or Directory.

```
C:\Users\user\Desktop>copy Anushka.txt.txt Anushka.txt  
Overwrite Anushka.txt? (Yes/No/All): All  
    1 file(s) copied.  
C:\Users\user\Desktop>
```

11. Switch to Root User.

```
C:\Users\user\Desktop>runas /user:Administrator  
RUNAS USAGE:  
  
RUNAS [ [/noprofile | /profile] [/env] [/savecred | /netonly] ]  
/user:<UserName> program  
  
RUNAS [ [/noprofile | /profile] [/env] [/savecred] ]  
/smartcard [/user:<UserName>] program  
  
RUNAS [ [/machine:<MachineType>] ] /trustlevel:<TrustLevel> program  
  
/noprofile      specifies that the user's profile should not be loaded.  
                  This causes the application to load more quickly, but  
                  can cause some applications to malfunction.  
/profile        specifies that the user's profile should be loaded.  
                  This is the default.  
/env            to use current environment instead of user's.  
/netonly         use if the credentials specified are for remote  
                  access only.  
/savecred       to use credentials previously saved by the user.  
/smartcard      use if the credentials are to be supplied from a  
                  smartcard.  
/user           <UserName> should be in form USER@DOMAIN or DOMAIN\USER  
/showtrustlevels displays the trust levels that can be used as arguments  
to /trustlevel.  
/trustlevel     <Level> should be one of levels enumerated  
                  in /showtrustlevels.  
/machine        specifies the machine architecture of the process.  
                  <MachineType> should be one of x86|amd64|arm|arm64.  
program         command line for EXE. See below for examples
```

Examples:

```
> runas /noprofile /user:mymachine\administrator cmd  
> runas /profile /env /user:mydomain\admin "mmc %windir%\system32\dsa.msc"  
> runas /env /user:user@domain.microsoft.com "notepad \"my file.txt\""
```

NOTE: Enter user's password only when prompted.

NOTE: /profile is not compatible with /netonly.

NOTE: /savecred is not compatible with /smartcard.

12. Move Files or Directories

```
C:\Users\user\Desktop>move Anushka.txt.txt D:\Desktop  
The system cannot find the drive specified.
```

```
C:\Users\user\Desktop>>move Anushka.txt D:\Desktop
```

13. Search for a particular string/word in a text file.

```
C:\Users\user\Desktop>find "anushka" Anushka.txt  
----- ANUSHKA.TXT  
C:\Users\user\Desktop>
```

14. Print Top N number of data of the given input

```
C:\Users\user\Desktop>more Anushka.txt  
Anushka  
Palak  
Rupali  
Nandini  
Deepika  
Ayushi
```

15. Print Last N number of data of the given input

```
C:\Users\user\Desktop>type Anushka.txt  
Anushka  
Palak  
Rupali  
Nandini  
Deepika  
Ayushi
```

16. Remove Read Permission from Owner.

```
C:\Users\user\Desktop>icacls Anushka.txt /deny "user":R  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files
```

17. Add read permission to owner plus remove write permission and add write permission to group.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant "user":R  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files
```

18. Add write permission to owner no permission to others.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant "user":W  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files
```

19. Assign Permissions to Users.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant "user":F  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files
```

20. Assign R/W/X to Others.

```
C:\Users\user\Desktop>icacls Anushkas.txt /grant "user":F  
Anushkas.txt: The system cannot find the file specified.  
Successfully processed 0 files; Failed processing 1 files  
  
C:\Users\user\Desktop>
```

21. Remove All Permissions from All Users.

```
C:\Users\user\Desktop>icacls Anushka.txt /remove Everyone  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>
```

22. Remove Read Permission Using Absolute Mode.

```
C:\Users\user\Desktop>icacls Anushka.txt /deny "user":R  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>
```

23. Set R/W for Owner, None for Group/Other.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant "user":RW  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>  
  
C:\Users\user\Desktop>icacls Anushka.txt /remove Everyone  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>
```

24. Add Execute for Owner, Read for Group/Others.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant "user":RX Everyone:R  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>
```

25. Add Execute Permission to All Users.

```
C:\Users\user\Desktop>icacls Anushka.txt /grant Everyone:RX  
processed file: Anushka.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\user\Desktop>
```