

# COMMANDS

## 1. Display User Manual of a Command

```
Command Prompt x + ^

C:\Users\Nandini Kasare\Desktop>help
For more information on a specific command, type HELP command-name
ASOC          Displays or modifies file extension associations.
ATTRIB        Displays or changes file attributes.
BREAK         Sets or clears extended CTRL+C checking.
BDEDIT        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.
```

```
Command Prompt x + ^
GPRESULT       Displays Group Policy information for machine or user.
HELP           Provides Help information for Windows commands.
ICAcls        Displays, 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.
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.
```

```
 Command Prompt      X + v

MOVE      Moves one or more files from one directory to another
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.
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REN       Renames a file or files.
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RMDIR     Removes a directory.
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SET       Displays, sets, or removes Windows environment variables.
SETLOCAL   Begins localization of environment changes in a batch file.
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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\Nandini Kasare\Desktop>
```

## 2. Change Current Working Directory.

```
 Command Prompt      X + v

C:\Users\Nandini Kasare>cd Desktop

C:\Users\Nandini Kasare\Desktop>
```

## 3. List Contents of the Current Directory.

```
C:\Users\Nandini Kasare\Desktop>dir
Volume in drive C is Windows
Volume Serial Number is E44B-A095

Directory of C:\Users\Nandini Kasare\Desktop

01/19/2026  04:32 PM    <DIR>        .
01/19/2026  11:15 AM    <DIR>        ..
09/19/2025  08:30 PM          284,648 2WQS2.docx
08/15/2025  07:13 PM          999,724 Case Study Format (TAE I) (1).docx
10/29/2024  08:46 PM          2,471 CodeTantra SEA.lnk
11/28/2024  10:09 PM          9,326,468 devcpp-4.9.9.2_setup.exe
08/07/2025  09:00 PM          538,090 FP.pdf
12/13/2024  06:34 PM          473,152 Liberal_Learning_Course_Project_Forma
t_2024-25[1][1]_nandini[1].pdf
05/13/2025  01:58 PM          1,612,146 llc report nandini final.docx
03/10/2025  08:21 PM          1,245,070 nandini_wd.docx
12/21/2025  10:48 PM    <DIR>        New folder
01/19/2026  11:13 AM    <DIR>        OS_CD24024
03/12/2025  07:23 PM          684,071 Physics Report ...pdf
02/23/2025  07:12 PM          15,458 PUSHPA PRIYANSH.docx
12/21/2025  07:35 AM          14,111 REHANSHP.docx
05/17/2025  05:43 PM          642,420 Scan.pdf
09/06/2006  04:33 PM          1,368,167 SEQ_PLAY.EXE
03/10/2025  07:50 PM          2,393,368 Surya namaskar.pptx
08/17/2025  11:20 PM          410,810 TAE IC CASE STUDY.pdf
09/29/2024  10:13 AM          1,434 Visual Studio Code.lnk
12/21/2025  10:52 PM          145,408 महा लोकमाल संशोधन Dec 26.doc
                           17 File(s)   20,157,016 bytes
                           4 Dir(s)   143,354,552,320 bytes free

C:\Users\Nandini Kasare\Desktop>
```

#### 4. Read/Modify/Concatenate Text Files.

##### Read

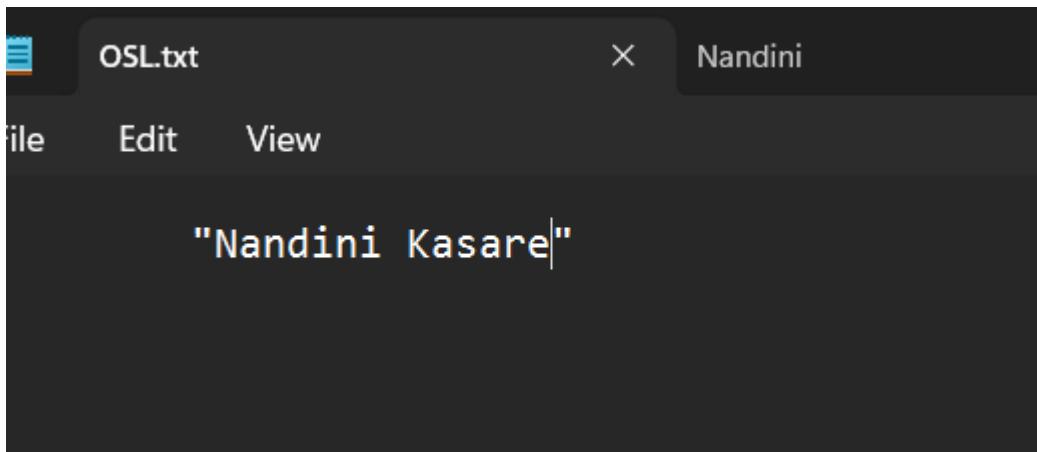
```
C:\Users\Nandini Kasare\Desktop>echo "Hello World"
"Hello World"

C:\Users\Nandini Kasare\Desktop>type OS.txt
"Hello World"
C:\Users\Nandini Kasare\Desktop>
```

##### Modiify

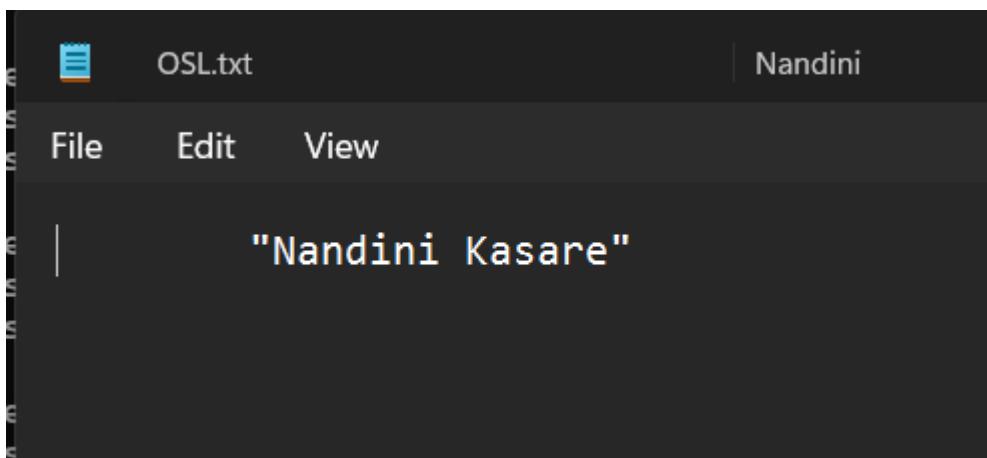
```
"Hello world"
C:\Users\Nandini Kasare\Desktop>notepad OS.txt

C:\Users\Nandini Kasare\Desktop>
```

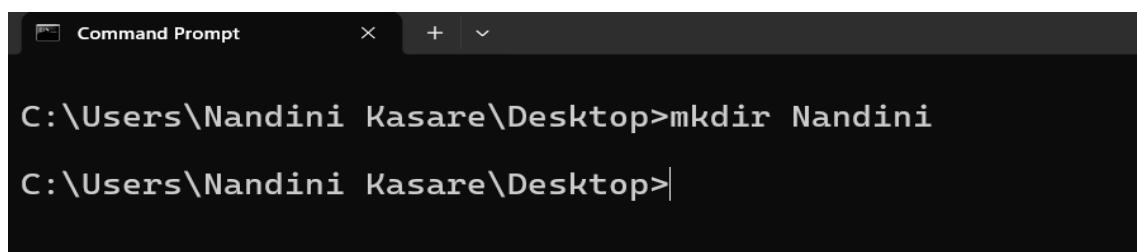


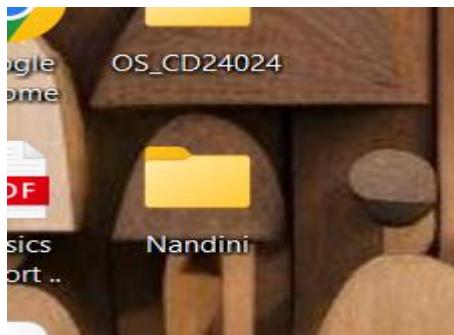
## Concatenate

```
C:\Users\Nandini Kasare\Desktop> OS.txt name OS.txt  
C:\Users\Nandini Kasare\Desktop>
```



## 5. Create a New Directory.





## 6. Display Current Working Directory.

```
C:\Users\Nandini Kasare\Desktop>cd  
C:\Users\Nandini Kasare\Desktop  
  
C:\Users\Nandini Kasare\Desktop>
```

## 7. Write Arguments to Standard Output.

```
C:\Users\Nandini Kasare\Desktop>echo "Hello World"  
"Hello World"
```

## 8. Remove a File.

```
C:\Users\Nandini Kasare\Desktop>rmdir Nandini
```

## 9. Delete a Directory.

```
C:\Users\Nandini Kasare\Desktop>del OSL.txt  
  
C:\Users\Nandini Kasare\Desktop>
```

## 10. Copy a File or Directory.

```
C:\Users\Nandini Kasare\Desktop>copy OS.txt OSL.txt  
1 file(s) copied.  
  
C:\Users\Nandini Kasare\Desktop>
```

## 11. Switch to Root User.

```
Command Prompt      X + ▾
C:\Users\Nandini Kasare\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.
/smardcard      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 /smardcard.

C:\Users\Nandini Kasare\Desktop>
```

## 12. Move Files or Directories

```
C:\Users\Nandini Kasare\Desktop>move OS.txt Nandini
                           1 file(s) moved.

C:\Users\Nandini Kasare\Desktop>
```

## 13. Search for a String in a File.

```
C:\Users\Nandini Kasare\Desktop>find "OSL" OSL.txt
-----
OSL.TXT

C:\Users\Nandini Kasare\Desktop>
```

## 14. Print Top N Lines of a File.

```
C:\Users\Nandini Kasare\Desktop>more OS.txt
    Nandini
    Deepika
    Palak
    Rupali
    Anushka

C:\Users\Nandini Kasare\Desktop>
```

### 15. Print Last N Lines of a File.

```
C:\Users\Nandini Kasare\Desktop>type OS.txt
    Nandini
    Deepika
    Palak
    Rupali
    Anushka

C:\Users\Nandini Kasare\Desktop>
```

### 16. Remove Read Permission from Owner.

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

C:\Users\Nandini Kasare\Desktop>
```

### 17. Change Specific Permissions.

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

C:\Users\Nandini Kasare\Desktop>
```

### 18. Add Write Permission to Owner, None to Others.

```
C:\Users\Nandini Kasare\Desktop>icacls OS.txt /deny "Nandini Kasare":W
processed file: OS.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\Nandini Kasare\Desktop>
```

## **19. Assign Permissions to Users.**

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

## **20. Assign R/W/X to Others.**

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

## **21. Remove All Permissions from All Users.**

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

## **22. Remove Read Permission Using Absolute Mode.**

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

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

```
C:\Users\Nandini Kasare\Desktop>icacls OS.txt /grant "Nandini Kasare":RW  
processed file: OS.txt  
Successfully processed 1 files; Failed processing 0 files  
  
C:\Users\Nandini Kasare\Desktop>
```

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

C:\Users\Nandini Kasare\Desktop>
```

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

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

C:\Users\Nandini Kasare\Desktop>
```

#### 25. Add Execute Permission to All Users.

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

C:\Users\Nandini Kasare\Desktop>
```

