

CMD Full course

- **dir** → to show file, folder, content in particular directory (C:\Users>dir)
- **E:** → to change drive into drive E (C:\Windows\system32>E:)
- **cd** → to change current directory (C:\Users>cd lenovo)
- **cd..** → to go one step back (from "C:\Users\lenovo>cd.." to "C:\Users>")
- **cd** → to jump directly to parent directory (C:\Users\lenovo>cd\)
- **cd <directory>** → to change directory (C:\>cd users)
- **md<path> / mkdir<path>** → to create directory (Folder)
- **ren / rename <old file name> <new filename>** → to rename file or files
- **type** → open file/displays the contents in command prompt (E:\> type nul> jss.pptx)
- **notepad <filename>** → to write in any file

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- **copy <old_file><new_file>** → copies one or more files to another location (E:\>copy user main or E:\>copy abcd.txt main)
- **Copy <src> <dest>** → copy file (E:\>copy abcd.txt e:\user)
- **Copy <old location><new location>** → copy from one to another folder (C:\Windows\System32>copy C:\PLAB E:\downloads)
- **DEL or ERASE** → Deletes files not folder
- **RD or RMDIR** → Deletes / remove a folder
- **attrib +h +s +r dir/Folder_name** → to hide Folder (E:\>attrib +h +s +r images)
- **attrib -h -s -r dir/Folder_name** → to unhide Folder
- **/?** → to explore any command (E:\downloads>copy /?)
- **move <src> <dest>** → move/renames file
- **rmdir / rd <path>** → to remove directory
- **del <files>** → to delete files

CMD Full course

- **cls** → to clear screen
- **taskname (ex: notepad)** → to open task (C:\Windows\system32>notepad)
- **taskkill /PID PID_no.** → to terminate task (C:\Windows\system32>taskkill /PID 5428)
- **taskkill /f /im Image_Name** → to terminate task (C:\Windows\System32>taskkill /f /im notepad.exe)
- **tree** → Shows directory structure of a disk or folder (C:\Users>tree)
- **date** → Outputs or sets the current date
- **Date /t** → only display the date
- **Time** → displays or sets the system time (long time format)
- **Time /t** → only display the time (short time format)
- **color** → Sets the default console foreground and background colors. (E:\>color 07)
- **Vol** → Displays a disk volume label and number
- **Ver** → Displays the window version

Getting System & Programs Information using CMD

- **WMIC** (Windows Management Instrumentation Command-line) can be used to query system information, configure system settings, and manage various aspects of a Windows machine.
- **Wmic** → to enter the WMIC command-line environment
(C:\Windows\system32>wmic)
- **wmic:root\cli> /output:c:\jss.txt product get name, version** → to get details about all installed program in system
- **wmic:root\cli>cpu** → to retrieve information about CPU
- **wmic:root\cli>exit** → To exit the WMIC interface
- **C:\Windows\system32>diskpart** → Display and adjust disk partition properties
- **DISKPART> list disk** → to check number installed disk in system

Getting System & Programs Information using CMD

- **select disk 0** → to select disk
- **detail disk** → to know details about selected disk
- **chkdsk** → Check and repair disk problems (local disks only)
- **getmac** → Shows all MAC addresses of the network adapters
- **systeminfo** → List system configuration
- **IPCONFIG** → shows information about network interfaces
- **driverquery** → Show all installed device drivers

User management

- **Net user** → to check no. of users available in physical machine
(C:\Users\lenovo>net user)
- **net user [username] [password] /add** → to create/ add a new user (net user jss password /add)
- **net user [username] /delete** → to delete a user
- **net user administrator /active:yes** → To enable administrator account
- **net user administrator /active:no** → To disable administrator account

Create & Export Files using CMD

- **tasklist** → to show tasklist running in background (E:\>tasklist)
- **tasklist > jss.txt** → export tasklist in txt file (E:\>tasklist > jss.txt)
- **echo > message > file_name** → to create a new file (E:\>echo google.com > jss1.txt)
- **type** → open file in command prompt (E:\>type jss1.txt)
- **type>file_name** → to create a empty file (E:\>type nul>jss2.txt , E:\>type nul>jss3.html)
- **file_name** → to open existing file/new file in that application (E:\>jss2.txt , notepad)
- **doskey/history** → to check previously executed commands (C:\Windows\system32>doskey/history)
- **Control** → to open control panel
- **>File_name.extension** → to export in file (> tasklist.txt)

Search any file:

- **where /r folder: start_file_name*** → search file by starting name
(C:\Users\lenovo>where /r f: ravi*)
- **where /r F: *Dhoni*** → search file with any part of name
(C:\Users\lenovo>where /r F: *Dhoni* or C:\Users\lenovo>where /r f: *"ms dhoni"*)
- **where /r F: *.png*** → search any extension file (C:\Users\lenovo>where /r F: *.png*)

Internet

- **start** → to start website from cmd (E:\>start www.google.com)
- **ping 8.8.8.8 -t** → to check internet connection

Wifi

- **netsh wlan show profile** → to show all previously connected Wi-Fi List
(C:\Users\lenovo>netsh wlan show profile)
- **netsh wlan show profile "user name" key=clear** → to show any particular Wi-Fi password (C:\Users\lenovo>netsh wlan show profile "name" key=clear)