

Q. Explain at least five internal commands.

1. CLS command (clear screen)

This command is used to clear the screen.

Syntax:-

C:\> cls press enter

2. VER command

This command is used to display the version of DOS.

Syntax:-

C:\> ver press enter

3. TIME command

This command is used to display the current time and modify time.

Syntax:-

C:\> TIME press enter

The current time is : 19:54:05.33

Enter the new time : 12:00:00 press enter

4. DATE command

This command is used to display the current date and modify date.

Syntax:-

C:\> DATE press enter

The current date is : 10-08-2021

Enter the new date: (dd-mm-yy)

5. Copy con command

This command is used to create a file may we have specify a file name.

Syntax:-

C:\> copy con [File name] press enter

F6 or ctrl+z press enter

Ex:- C:\> copy con Ram

Hello world

^Z

1 file(s) copied.

6. DIR command

This command is used to display the directory and files.

Syntax:-

C:\> dir press enter

a) DIR /P

Display directory and files page by page.

b) DIR /W

Display list of directories & files in wide format or width wise

c) DIR /L

Display directory in length wise format

7. TYPE command

This command is used to display the contents of file
may you have specified the file name.

Syntax:-

C:\> type [filename] press enter

Ex:- C:\> type Ram

Hello World

- CD command (change directory)

This command is used to change the directory may we have specified directory name.

Syntax:-

C:\> CD [directory name] press enter

Ex:- C:\> cd "program files"

a) CD..

This command is used to exit from current directory

b) CD\

This command is used to move/exit from current directory to the root directory.

- MD command / MKDIR command

This command is used to make a directory in dos may we have specified the directory name.

Syntax:-

C:\> md [directory name] press enter

Ex:- C:\> md new

- DELETE command

This command is used to delete the files and directory one by one.

Syntax:-

c:\> del [file name]

Ex:- c:\> del Ram

- Ren command

This command is used to rename file may we have specified the file

Syntax:-

c:\> ren [old file name] [new file name]

Ex:-

c:\> ren Ram RamNew

- copy command

This command is used to copy source file into destination file.

Syntax:-

c:\> copy [source file] [destination file]

- Q. Create a directory in C: drive with your name.
 Create two sub directory with name Software and hardware.
 In each directory, create two files.
 Copy files from hardware to software.
 Move files from software to another directory. (Create one more directory in same path.)

Soln:-

C:\> md DosPractical

C:\> cd DosPractical

C:\DosPractical> md software

C:\DosPractical> md hardware

C:\DosPractical> cd software

C:\DosPractical\Software> copy con file1.txt

file 1 in software.

^{^Z}

1 file(s) copied.

C:\DosPractical\Software> copy con file2.txt

file 2 in software.

^{^Z}

1 file(s) copied.

C:\DosPractical\Software> cd..

C:\DosPractical> cd hardware

C:\DosPractical\hardware> copy con file1.txt

file 1 in hardware.

^{^Z}

1 file(s) copied.

C:\DosPractical\hardware > copy con fileh2.txt
file 2 in hardware.

^{^Z}

1 file(s) copied.

C:\DosPractical\hardware > cd..

C:\DosPractical > copy C:\DosPractical\hardware* C:\DosPractical\Software

C:\DosPractical\hardware\fileh1.txt

C:\DosPractical\hardware\fileh2.txt

2 file(s) copied.

C:\DosPractical > md temp

C:\DosPractical > move C:\DosPractical\Software* C:\DosPractical\temp

C:\DosPractical\Software\fileh1.txt

C:\DosPractical\Software\fileh2.txt

C:\DosPractical\Software\fileh3.txt

C:\DosPractical\Software\fileh4.txt

4 file(s) moved.

- Q. Create a directory with name bihar.
 Create 3 sub directories within bihar (patna, wb, delhi).
 Create one file in each directory.
 Collect all files in the fourth directory (i.e; up)
 then combine contents of all files in a single file.

Soln :-

C:\> md bihar

C:\> cd bihar

C:\bihar> md patna wb delhi

C:\bihar> cd patna

C:\bihar\patna> copy con file-patna.txt
 patna text file

^{^Z}

1 file(s) copied.

C:\bihar\patna> cd..

C:\bihar> cd wb

C:\bihar\wb> copy con file-wb.txt
 west bengal text file

^{^Z}

1 file(s) copied.

C:\bihar\wb> cd..

C:\bihar> cd delhi

C:\bihar\delhi> copy con file-delhi.txt
 delhi text file

^{^Z}

1 file(s) copied.

C:\bihar\delhi> cd..

C:\bihau> md up

C:\bihau> copy c:\bihau\patna* c:\bihau\up

c:\bihau\patna\file_patna.txt

1 file(s) copied.

C:\bihau> copy c:\bihau\wb* c:\bihau\up

c:\bihau\wb\file_wb.txt

1 file(s) copied.

C:\bihau> copy c:\bihau\delhi* c:\bihau\up

c:\bihau\delhi\file_delhi.txt

1 file(s) copied.

C:\bihau> cd up

C:\bihau\up> copy file_patna.txt + file_wb.txt + file_delhi.txt

file_up.txt

file_patna.txt

file_wb.txt

1 file(s) copied.

C:\bihau\up> type file_up.txt

patna text file

wb text file

delhi text file

Q. Create a directory in c:\ drive and create a batch file with name list.bat with following commands:

cls
date
time
pause
echo welcome to B. N. College
rem welcome
md PV mu
cd pu
copy con soft
type soft
copy soft c:\bnc\mu
copy con hard
type hard
tree /f
move hard c:\bnc\mu
tree /f

Soln:-

```
c:\> md bnc
c:\> cd bnc
c:\bnc> copy con list.bat
cls
date
time
pause
echo welcome to B. N. College
rem welcome
md PV mu
cd pu
```

copy con soft

type soft

copy soft c:\bnc\mul

copy con hard

type hard

tree /f

move hard c:\bnc\mul

tree /f

Q. Create a batch file with the following commands:-

cls
date
time
pause
echo "welcome"
md computer
cd computer
md keyboard
md mouse
cd mouse
copy con f1
copy con f2
copy con f3
pause

1) copy all files (f1,f2,f3) in folder "keyboard"

pause

2) Move files (f1,f2,f3) to another folder speaker, which is in your own folder.

pause

3) Now combine all files' contents in file named f4, but this file is the mouse ~~per~~ folder.

Sol": c:\> copy con tasks.bat

cls

date

time

pause

echo "welcome"

md computer

cd computer

md keyboard mouse

cd mouse

copy con f1

copy con f2

copy con f3

pause

copy c:\computer\mouse* c:\computer\keyboard

cd..

md myfolder

cd myfolder

md speaker

cd speaker

move c:\computer\mouse* c:\myfolder\speaker

pause

copy f1+f2+f3 c:\computer\mouse\f4