

Ms. DOS

Microsoft Disk operating system

INTRODUCTION:-MS DOS is an operating system which belongs to Microsoft Corporation. It was started in 1981. It was developed by “Tim Paterson”.

There are two types of command that has been used to operate DOS:-

1. Internal command

2. External command

1. **Internal command**:- Those commands are automatically loaded into the memory of computer at the time of booting.

Ex- date, time, cls etc

2. **External command**:- Those commands are not automatically loaded into the memory of computer at the time of booting.

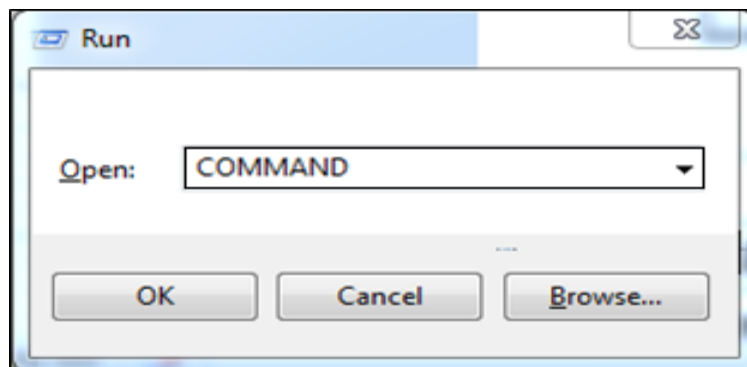
Ex- edit, xcopy, batch file etc.

To start the Ms. DOS

(1) Start > All program > command prompt ↩

(2) Start > All program > Run (Window key + R) ↩

Highlight the Run box. In this box type “CMD then click on ok button.



Symbol

Back space	←
Enter key	↵
Backward slash	\
Forward slash	/
Space bar	␣

Command

Date:-This command display the system date. The system date can be changed by the user.

Command:-

C:\>Date ↵

Current date is Sun 05/06/2016

Enter new date mm-dd-yy

Time:-The command displays the system time. The system time can be changed by the user.

Command:-

C:\>Time ↵

Current Time is 12:40:45:69

Enter new Time hh:mm:ss

CLS:-This command is used to clear the screen.

Command:-

C:\>CLS ↵

Version:-Version display the edition of disk operating system DOS. It's similar to edition of books.

The latest version of DOS is 6.22 & the earlier version were 3.2, 4.0, 5.0, 6.0, 6.1

Command:-

C:\>Ver ↵

Copy Con:-This command makes new file.

Syntax:-

C:\>Copy ⏎ Con ⏎ file name ↵

Write the matter

Press F6 or Ctrl+Z ↵

1 file (s) copied

E.g:- C:\>Copy ⏎ con ⏎ Suraj ↵

He is a student

Press F6 or Ctrl+Z ↵

1 file (s) copied

Type:-This command shows the file contents.

Syntax:-

C:\>Type ↵ file name ↵

C:\>Type ↵ suraj ↵

He is a student.

Copy:-This command copy the any file contents into another file.

Syntax:-

C:\>Copy ↵ old file name ↵ new file name ↵

E.g:-

C:\>Copy ↵ Con ↵ Mohan ↵

He is a student

Press F6 or Ctrl+Z ↵

1 file (s) copied

C:\>Copy ↵ Mohan ↵ Niraj ↵

1 file (s) copied

Check:- C:\>Type ↵ Niraj ↵

Ren:-This command transfer the any file contents into another file.

Syntax:-

C:\>Ren ↵ old file name ↵ new file name ↵

C:\>Ren ↵ Mohan ↵ Sunlight ↵

1 file (s) copied

Check:- C:\>Type ↵ Mohan

File not found

C:\>Type ↵ sunlight

He is a student

Del/Erase:-This command deletes the file permanently.

Syntax:-

C:\>Del ↵ file name ↵

C:\>Erase ↵ file name ↵

E.g:-

C:\>Del /? Sunlight ←

C:\>Erase /? Niraj ←

Exit:-This command closes the command prompt.

Command:-

C:\>Exit ←

To make Directory

MD/MKDir:-This command makes the Directory.

Syntax:-

C:\>MD /? directory name ←

CD/CHDir:-This command changes the directory.

Syntax:-

C:\>CD /? directory name ←

Eg:- C:\>MD /? Ram ←

C:\>CD /? Ram ←

C:\Ram>

To Remove the Directory

(i) Remove the Directory one by one CD.. ←

(ii) Remove all Directory CD\ ←

Eg:- C:\Users\Future>CD.. ←

C:\Users>CD.. ←

C:\>

C:\Users\Future>CD\ ←

C:\>

To change Directory

C:\>CD /? Directory name ←

C:\>CD /? Users ←

C:\Users>

To delete the Directory

RD/RMDir:-This command deletes the Directory permanently.

Syntax:-

C:\>RD  Directory name 

Eg:- C:\>RD  Ram 

Check:- C:\>CD  Ram 

Color:-This command changes the color of foreground and background.

❖ To check all color with code to do the process:-

C:\>Color  Code 

Or C:\>Color  ? 

Some of the following color code which are used in Dos:-

We can change only foreground color.

Code		Color	Code		Color
0	-	Black	8	-	Gray
1	-	Blue	9	-	Light blue
2	-	Green	A	-	Light green
3	-	Aqua	B	-	Light Aqua
4	-	Red	C	-	Light Red
5	-	Purple	D	-	Light Purple
6	-	Yellow	E	-	Light Yellow
7	-	White	F	-	Bright White

Note:-To change the foreground as well as background color of M.S.DOS screen, enter two different number but not the same.

C:\>Color <space> 12 

C:\>Color <space> FC 

C:\>Color <space> 69 

C:\>Color <space> 58 

FC command:-This command used to compare between the two files.

Syntax:-

C:\>FC ⌵ 1st File name ⌵ 2nd File name ←

Eg:-

C:\>Copy ⌵ Con ⌵ Sonu ←

Good boy

Press F6 or Ctrl+Z ←

1 file (s) copied

C:\>Copy ⌵ Con ⌵ Raju ←

Bad Boy

Press F6 or Ctrl+Z ←

1 file (s) copied

C:\>FC ⌵ Sonu ⌵ Raju ←

Comparing files sonu and Raju

***** Sonu

Good boy

***** Raju

Bad Boy

Doskey:-Doskey is a micro file it create a short cut key.

Syntax:-

C:\>Doskey <space> command name ←

Eg:-

C:\>Doskey <space> D=Date ←

C:\>D ←

C:\>Doskey <space> C=CLS ←

C:\>C ←

C:\>Doskey <space> E=Exit ←

C:\>E ←

Echo off:-This command removes the command prompt from the screen.

Syntax:-

C:\>Echo <space> off ←

Echo on:-This command brings back the command prompt from the screen.

Syntax:-

Echo <space> on ↵

Append command:-This command provides the facility to add the two or more files.

Syntax:-

C:\>Type ↵ I st file name ↵ >> ↵ II nd file name ↵

Eg:-

C:\>Copy ↵ Con ↵ Rishi ↵

Good morning

Press F6 or Ctrl+Z ↵

1 file (s) copied

C:\>Copy ↵ Con ↵ Monu ↵

Have a nice day

Press F6 or Ctrl+Z ↵

1 file (s) copied

C:\>Type ↵ Rishi ↵ >> ↵ Monu ↵

To Check

C:\>Type ↵ Monu ↵

Title command:-This command provides the facility to change the title of command prompt of title bar.

Syntax:-

C:\>Title <space> Name ↵

Eg:- c:\>Title <space> Suraj ↵

Prompt command:-This command changes the command prompt of Ms. Dos screen.

C:\>Prompt <space> Ram \$G ↵

Ram>Prompt <space> \$P\$G ↵ (By Default)

Some prompt command used in Dos are:-

C:\>Prompt <space> \$D ↵ D=Date

C:\>Prompt <space> \$G ↵ G=Grater than

C:\>Prompt <space> \$L ↵ L=Less than

C:\>Prompt <space> \$T ↵ T=Time

C:\>Prompt <space> \$\$ ↵ \$=Dollar

C:\>Prompt <space> \$Q ↵ Q=Equal

C:\>Prompt <space> \$B  B=Connecting pipe (!)

C:\>Prompt <space> \$P  P=Active prompt C:\

View about Directories and files

Dir:-This command displays all files and directories at a time on the computer screen.

Syntax:- C:\>Dir 

Dir/P:-This command displays all files and directories in page wise on the screen.

Syntax:- C:\>Dir/P 

Dir/W:-This command displays all files and directories in wide wise on the screen.

Syntax:- C:\> Dir/W 

Attrib command:-This command provides the protection to our files and directories. There are four attrib commands.

(1) Archive only (A)

(2)System only (S)

(3)Hidden only (H)

(4)Read only (R)

(1) System only:-We cannot modify or delete the contents of system only type of files.

(2) Hidden only:-We cannot see the contents of hidden only type of file. When we use Dir command.

Use of system only (+S) and (-S)

C:\>Copy  Con  Ramesh 

My India is great 

Press F6 or Ctrl+Z 

1 file (s) Copied

Use of (+S) for not delete the file

C:\>Attrib  +S  Ramesh 

To check

C:\>Del Ramesh

Not found

Use of (-S) for delete the file

C:\>Attrib -S Ramesh

To check

C:\>Del Ramesh

C:\>Type Ramesh

Not found

Use of hidden only (+H) and (-H)

C:\>Copy Con Mona

My best friend

Press F6 or Ctrl+Z

1 file (s) Copied

Use of (+H) for hide the file

C:\>Attrib +H Mona

To check

C:\>Dir

Did not show the file "Mona"

Use of (-H) for hide the file

C:\>Attrib -H Mona

To check

C:\>Dir

Show the file "Mona"