MS-DOS (Microsoft Disk Operating System)

MS-DOS is a single user operating system developed by IBM and Microsoft in 1981. It is a text based operating system. It is also known as CUI (Character or Command User Interface). It consists of some internal and external commands.

How to open MS-DOS? (Alternative Method)
- Go to run or search option
- Type the application file name 'cmd' or 'command prompt'
- Click enter or OK button

Some Internal Commands
1. **Cls –** to clear the screen
   Syntax: C:\>cls ↵

2. **Dir –** to see directories and files
   Syntax: C:\>dir ↵

3. **Md –** to make a new directory
   Syntax: C:\>md   <directory_name> ↵

4. **Rd –** to remove a directory
   Syntax: C:\>rd ⎵ <directory_name> ↵

5. **Cd –** to change drive or path name
   Syntax:
a. **To change drive or path name one by one**
   C:\>cd.. ↵
   Eg:
   C:\BIT\users>cd.. ↵
   C:\BIT>

b. **To change drive or path name at once**
   C:\BIT\users>cd\ ↵
   C:\>

6. **Ver –** to see version of windows
   Syntax:
   C:\>ver ↵

7. **Vol –** to see volume label or serial number
   Syntax: C:\>vol ↵

8. **Date and time –** to see or enter current date and time
   Syntax:
   C:\>date ↵
   C:\>time ↵

9. **Copy con –** to create a new file
   Syntax:
   C:\>copy⎵ con⎵<file_name> ↵

10. **Ren –** to rename a file
    Syntax:
    C:\>ren ⎵<old_name> ⎵<new_name> ↵

11. **Copy –** to copy file from one location to another
    Syntax:
    C:\>copy⎵ <source> ⎵ <destination> ↵

12. **Type –** to see or display the content of a file
    Syntax:
    C:\>type⎵ <file_name> ↵

13. **Del –** to delete a file
    Syntax:
    C:\>del⎵ <file_name> ↵

Some External Commands

1. **Chkdsk –** to check the disk status
   Syntax: C:\>chkdsk ⎵ <drive_letter> ↵

2. **Format –** to delete the content of a drive
   Syntax: C:\>format ⎵<drive_letter> ↵

3. **Tree –** to see tree structure
   Syntax: C:\>tree ⎵<drive_letter> ↵

4. **Attrib –** too see and change the properties of a file
   Syntax:

a. **To hide a file**
   C:\>attrib ␣ +h ␣ <file_name> ↵

b. **To unhide a file**
   C:\>attrib ␣ -h ␣<file_name> ↵

c. **To make file read-only**
   C:\>attrib ␣ +r ␣<file_name> ↵

d. **To remove read-only attribute**
   C:\>attrib ␣ -r ␣<file_name> ↵

e. **To view attribute of a file**
   C:\>attrib ␣ <file_name> ↵