

Operating system

Basic term in DOS:-

1. Files

file is the primary unit of storage on our computer. It enables the computer to distinguish different type of information. So, files are categorized as per the software type. A file is identifies by two : File name (alphanumeric letter combination) and Extension name(3 to 4 code of software). It is the means to store and retrieve the information to and from the computer disk. A File name Looks like as :

Abc123.Txt

Cde.doc

Pqrs.exe

2. Directory(dos) / Folder(widow) ->

Multiple files are group together and store at the particular location named as directory. This distribution is done for management and maintenance of files / storage on the secondary disk. All the Operating system Files / their grouping are stored in a directory is known the root directory . the root directory in dos is represented as C:\dos> or C:\>

Similarly , several directories /folders are created inside the root directory . this directories under root is known as subdirectory. In the similar manner subdirectory

under subdirectory are created. The overall structure of the directory and subdirectory is known as disk structure/ directory structure . it is displayed on tree like viewing as :

```
(+/-)\
|(-)MY Computer
|  (+)C: \
|  (+)D:\
|  (+)E:\
|  (+)F:\
|  (+)G:\
|  Download
|
|  (+)My document
|  (+)Recycle bin
|  (-)Network
```

Drives

Just as a directory is group of files, a derive , which is always represented by drive letter , is group of directories. Drives are usually associated with piece of hardware called disk . A disk is a permanent storage to store data information. The most common type of disk is hard disk , other is floppy disk, cdrom, dvd, or pendrive at present. We disk also the part of drive. A drive is named with single letter as A, B, C, D,E, F Here, A, B is fixed for floppy disk , C,D, E.. for Hard disk and next higher letter after hard disk is for cd rom , dvd and

other type of disk. The command prompt started with the hard disk drive where dos is loaded, looks like as :

C:\> '\ – back slash

Currently availability in the root directory of C: Drive.

Naming convention of directory and files in DOS

It deals the rules to define the name of files and directory in the dos the rules are :

1. File and directory name may be any alphanumeric letter combinations
2. File can not start with number by follow the number next.
3. Any special symbol like white space, operator or other special symbol can not use in file and directory name.
4. File name/directory name in dos may be 8 character long
5. File name have two part : name of file and Extension name of file which may be 3-character long in dos.

But in window the naming convention has changed

File and directory name may of any alphanumeric letter combination , may follow with number and special symbol. It can be of 255 character long. In the similar manner, filename name of file may be 255 character and extension may be of more than 3 characters.