**PRACTICAL-1**

**Aim:** Working with Different Operating Systems. Study the DOS environment and practice commands for various activities like, File Handling, Text Processing, System Administration, Process Management, Archival, Network, File Systems, Advanced Commands

**Theory:** Operating System is the resource manager of the system. It acts as an interface between hardware and users. It provides services to the user and programs. The different kinds of operating systems are: MS-DOS, Windows, Linux, Solaris etc.

DOS Environment is a reserved segment of primary memory called Master Environment Block. The environment is used to store system information in the form of environmental variables, or environmental strings. Environmental variables are available to the operating system, batch files, and application programs and are used to modify the behavior of DOS commands and application programs, or to provide them with additional information.

Some important commands:

* cd – change directory
* dir – list files and directories
* copy – copy one file to another
* erase – delete a file
* rmdir – delete a directory
* mkdir – create a new directory
* ren – rename a file
* cls – clear the screen
* ping- test the availability of a network connection to a specified host.
* attrib – display or change file attributes
* break – enable ctrl +c feature
* call – call a batch file from another batch file
* cmd – open command interpreter
* comp – compare files
* compact – compress / uncompress files
* date – view system date
* echo – display messages
* edit – view or edit files
* enable – enable a disables service or drivers
* disable – disable a service or drivers