

EXPERIMENT NO. 6

TITLE : To demonstrate various DOS commands (2).

OBJECTIVE :

- To learn about command prompt.
- To learn various commands of dos.

THEORY :

A DOS, or disk operating system, is an operating system that runs from a disk drive. The term can also refer to a particular family of disk operating systems, most commonly MS-DOS.

What Are MS-Dos Commands?

MS-DOS is a text-based system of Microsoft Operating System, The users interact with the computer by typing text-based commands rather than a Graphical User Interface. These commands allow users to perform various tasks, such as copying, deleting, or moving files, and managing programs.

Command	Syntax	Description
CD	CD [drive:][path]	Change gets the current directory to the specified folder.
DIR	DIR [drive:][path]	Displays a list of files in a directory.
COPY	COPY [destination]	Copies files from one location to another.
DEL	DEL [drive:][path]	Deletes one or more files.
REN	REN[name] [new_name]	Renames a file or directory.
MKDIR	MKDIR [drive:][path]	Creates a new directory.
RMDIR	RMDIR [drive:][path]	Removes an existing directory.
COPY CON	COPY CON [file_name]	Creates text files or batch files
MOVE	MOVE [file] [destination]	To move the file from one directory to another.
TREE	TREE [drive:][path]	Displays the folder structure of a drive or path.
EXIT	EXIT	Exits the MS-DOS command prompt or a batch file.
COLOR	COLOR [code]	To change the color of command's text.

DEMONSTRATION :

- Creating directories using **MKDIR** command.

```
D:\>MKDIR NEPAL

D:\>CD NEPAL\

D:\NEPAL>MKDIR KOSHI MADHESH BAGMATI GANDAKI LUMBINI KARNALI SUDURPASHCHIM

D:\NEPAL>TREE
Folder PATH listing for volume New Volume
Volume serial number is EA20-E901
D:..
|---BAGMATI
|---GANDAKI
|---KARNALI
|---KOSHI
|---LUMBINI
|---MADHESH
|---SUDURPASHCHIM
```

This PC > New Volume (D:) > NEPAL >

Name	Date modified	Type	Size
BAGMATI	28/03/2024 10:57 PM	File folder	
GANDAKI	28/03/2024 10:57 PM	File folder	
KARNALI	28/03/2024 10:57 PM	File folder	
KOSHI	28/03/2024 10:57 PM	File folder	
LUMBINI	28/03/2024 10:57 PM	File folder	
MADHESH	28/03/2024 10:57 PM	File folder	
SUDURPASHCHIM	28/03/2024 10:57 PM	File folder	

- Creating files using **COPY CON** command

```
D:\>CD NEPAL\

D:\NEPAL>CD GANDAKI

D:\NEPAL\GANDAKI>COPY CON DISTRICTS.TXT
Baglung District[10]
Gorkha District
Kaski District
Lamjung District
Manang District
Mustang District
Myagdi District
Nawalpur District
Parbat District
Syangja District
Tanahun District
^Z



      1 file(s) copied.
```

```
D:\NEPAL\GANDAKI>COPY CON MUNICIPALITY.TXT
```

```
Pokhara - Kaski
Putalibazar - Syangja
Devchuli - Nawalpur
Kawasoti - Nawalpur
Gaindakot - Nawalpur
Madhyabindu - Nawalpur
Besishahar - Lamgunj
Galyang - Syangja
Waling - Syangja
Beni - Myagdi
Gorkha - Gorkha
Palungtar - Gorkha
Galkot - Baglung
Baglung- Baglung
Jaimini- Baglung
Shuklagandaki - Tanahun
Bhanu - Tanahun
Bhimad - Tanahun
Vyas - Tanahun
Kushma - Parbat
^Z

1 file(s) copied.
```

This PC > New Volume (D:) > NEPAL > GANDAKI

Name	Date modified	Type	Size
 DISTRICTS	28/03/2024 11:18 PM	Text Document	1 KB
 MUNICIPALITY	28/03/2024 11:33 PM	Text Document	1 KB

 *DISTRICTS - Notepad

File Edit Format View Help

Baglung District
Gorkha District
Kaski District
Lamjung District
Manang District
Mustang District
Myagdi District
Nawalpur District
Parbat District
Syangja District
Tanahun District

 MUNICIPALITY - Notepad

File Edit Format View Help

Pokhara - Kaski
Putalibazar - Syangja
Devchuli - Nawalpur
Kawasoti - Nawalpur
Gaindakot - Nawalpur
Madhyabindu - Nawalpur
Besishahar - Lamgunj
Galyang - Syangja
Waling - Syangja
Beni - Myagdi
Gorkha - Gorkha
Palungtar - Gorkha
Galkot - Baglung
Baglung- Baglung
Jaimini- Baglung
Shuklagandaki - Tanahun
Bhanu - Tanahun
Bhimad - Tanahun
Vyas - Tanahun
Kushma - Parbat

- Renaming directory using **REN** command

```
D:\NEPAL\GANDAKI>cd..  
  
D:\NEPAL>REN MADHESH PROVINCE_NO_2  
  
D:\NEPAL>REN SUDURPASHCHIM PROVINCE_NO_7  
  
D:\NEPAL>TREE  
Folder PATH listing for volume New Volume  
Volume serial number is EA20-E901  
D:.  
|---BAGMATI  
|---GANDAKI  
|---KARNALI  
|---KOSHI  
|---LUMBINI  
|---PROVINCE_NO_2  
|---PROVINCE_NO_7
```

- Remove directory using **RMDIR** command

```
D:\NEPAL>RMDIR PROVINCE_NO_7  
  
D:\NEPAL>RMDIR LUMBINI  
  
D:\NEPAL>TREE  
Folder PATH listing for volume New Volume  
Volume serial number is EA20-E901  
D:.  
|---BAGMATI  
|---GANDAKI  
|---KARNALI  
|---KOSHI  
|---PROVINCE_NO_2
```

This PC > New Volume (D:) > NEPAL				
	Name	Date modified	Type	Size
	BAGMATI	28/03/2024 10:57 PM	File folder	
	GANDAKI	28/03/2024 11:33 PM	File folder	
	KARNALI	28/03/2024 10:57 PM	File folder	
	KOSHI	28/03/2024 10:57 PM	File folder	
	PROVINCE_NO_2	28/03/2024 10:57 PM	File folder	


- Delete files using **DEL** command.

```
D:\NEPAL>CD PROVINCE_NO_2

D:\NEPAL\PROVINCE_NO_2> COPY CON DISTRICTS.TXT
PARSA
BARA
RAUTAHAD
SARLAHI
^Z

1 file(s) copied.
```

This PC > New Volume (D:) > NEPAL > PROVINCE_NO_2

Name	Date modified	Type	Size
 DISTRICTS	29/03/2024 12:10 AM	Text Document	1 KB

```
D:\NEPAL\PROVINCE_NO_2> DEL DISTRICTS.TXT

D:\NEPAL\PROVINCE_NO_2> TREE
Folder PATH listing for volume New Volume
Volume serial number is EA20-E901
D:..
No subfolders exist
```

> New Volume (D:) > NEPAL > PROVINCE_NO_2

Name	Date modified	Type	Size
This folder is empty.			



- Moving files using **MOVE** command.

```
Command Prompt

D:\>MKDIR PROJECT

D:\>MOVE \NEPAL\GANDAKI\* D:\PROJECT\
D:\NEPAL\GANDAKI\DISTRICTS.TXT
D:\NEPAL\GANDAKI\MUNCIPALITY.TXT
2 file(s) moved.
```

This PC > New Volume (D:) > PROJECT

Name	Date modified
 DISTRICTS	28/03/2024 11:45 PM
 MUNCIPALITY	28/03/2024 11:33 PM

- Changing text color using **COLOR** command.

```
D:\NEPAL\PROVINCE_NO_2>TREE
Folder PATH listing for volume New Volume
Volume serial number is EA20-E901
D:.\
No subfolders exist

D:\NEPAL\PROVINCE_NO_2>COLOR 70

D:\NEPAL\PROVINCE_NO_2>_
```

CONCLUSION :

This laboratory exercise provided a hands-on experience in various DOS command. Creating new directories and files using ms-dos and editing them with commands. After completing the lab experiment, students gained the practical knowledge of the ms-dos.