	SUBJECT: OPERATING SYSTEMS.
	Aim: To Study Shell scripts command such as to
	display content, search for particular string, deleting a file and creating links for
	the file
	THEORY:
	Command used to diplay or print the content
9	The cat command is short form for consaterate
•	It allows us to create eingle or multiple files, view content of file, concatenate files and
	redirects of in terminal or feles.
	tg. View contente of multiple files.
	tg. View contente of multiple files. # cot filet filet.
	Eg. Create a File with Cat Command.
	# Cat > test2
	Eg. Display Line Numbers in File. # cat -n song.txt
	Eg. Redirecting Standard 1/p with Redirection Operator
	# Cat < test 2
	OUTPUT: This is test2 file.
7	

2). Searching a particular strung in a file. expressions, which it calle basic and extended. -c Print only a count of matching lines.
-i Cax insensitive match. -w Match only complete neords i.e., mords
that match the entire regular -x Match only complete lines i.e., lines that match the entire regular expression. 3) Deleting a file. remove objects such as file, directories,
symbolic links and so on from the file system
like UNIX. like UNIX. · To be more precise, rim removes references to objects from the file system, where those objects might have had multiple references (tg. a file with two different names). By default, it does not riemous derectories · This command normally works silently and you should be very careful while running I'm command because once you delete the files then you are unable to recover the contents of files and directories.

Eg. Remoring one file at a time

Eg. Removing more than one file at a time \$ 11mm bitat citat

Note: No output is produced by mo command, since it typically only generates messages in the case of an error

OPTION:

- -i Enables interactive deletion. It makes the command cut the wer for conformation before removing each file, press y for confirm deletion, any other key leaves the file un-deleted.
- From prompts for confirmation removal if a file is write protected. The f option overvides this minor protection and removes the file forcefully. f option of removes the file forcefully. f option of removed will not work for write-protect directories.
- n With n option sim command performs a true-walk and will delete all the files and sub-directories recursively of the parent directory. At each stage it deletes everything of it finds. Normally, sim would

not delete the directories but when used with this option, it will delete. 4). Creating link for the file. · A link is a connection between a file name and the actual data on the disk. · There are two main types of links that com be created: a) Hord Link - These are low-level links which the system uses to create elements of the file system itself, such as files and directories. b). Soft link - This is a special kind of file that points to another file, much like a shortcut. · Vnlike a hard link, a symbolic link does not contain the data in the target file. It simply points to another entry somewhere in the file system. · This difference gives symbolic links certain qualities that hard links do not have, such as the ability to link to directory or to file on remote computers networked through NFS. . When you delite a target file, symbolic links to that file become unuable, whereas hard links preserve the contents of the file. CONCLUSION - In this practical, we have used all the above mentioned commande.