LINUX SHELL SCRIPTING

PRACTICAL - 1
BCA SEM-4

1	Write a shell script to remove the zero sized file.
2	Write a shell script to execute following commands • Give an example of : To execute commands together without affecting result of each other. • How to print "this is a three –line Text message" • Which command display version of the UNIX? • How would u get online help of cat command?
3	Write a shell script to execute following commands 1. How would u display the hidden files? 2. How delete directory with files? 3. How would user can do copying? 4. How would user can do deletion of files?
4	Write a shell script to execute following commands 1. Create the directories mydir. 2. Create a file called text and store name,age and address in it. 3. Display the contents of the file text on the screen.
5	Write shell script that accept filename and displays if file exists or not. If exist, then what is the size of that file.
6	Write a shell script to remove the zero sized file from the current directory
7	Write a shell script to display the name of all the executable file from the current directory.
8	Write a shell script that will display welcome message according to time
9	Write a shell script that takes a filename from the **command line** and checks whether the file is an ordinary file or not. If it is an ordinary file then it should display the contents of the file. If it is not an ordinary file then script should display the message: " File does not exist or is not ordinary, cannot display.
10	Write a shell script that takes a filename from the user and checks whether it is a directory file or not. If it is a directory, then the script should display the contents of the directory. If it is not a directory file then script should display the message: "File is not a directory file "

11	Write a shell script that takes a filename as an argument and checks if the file exists and is executable. If the file is executable then the shell script should display the message: "File exists" If the file does not exists and is not executable then the script should display the message: "File does not exist or is not executable."
12	Write a shell script that displays all subdirectories in current working directory.
13	Write a shell script that accepts 2 filenames and checks if both exists; if both exist then append the content of the second file into the first file.
14	Write a shell script that takes the name of two files as arguments and performs the following: i. Displays the message : "Displaying the contents of file :(first argument)" and displays the contents page wise. ii. Copies the contents of the first argument to second argument. iii. Finally displays the message : "File copied successfully."

15	Write a shell script to display the following **menu and acts accordingly:**
	i. Calendar of the current month and year.
	Display "Good Morning/Good Afternoon/Good Evening" according to the current login time.
	  ii. User name, Users home directory.
	  iii. Terminal name, Terminal type.
	  iv. Machine name.
	  v. No. of users who are currently logged in; List of users who are currently logged in.

16	Write a shell script that displays the following menu and acts accordingly 1. Concatenates two strings 2. Renames a file 3. Deletes a file. 4. Copy the file to specific location
17	Write a shell script that displays all hidden files in current directory.
18	Write a shell script that enter a word and find whether it is a vowel or a digit.
19	Write a shell script to calculate the age of the employee, if he enters born year .
20	Write a shell script to display grade of student from entered marks.