File management commands,User management commands,process management,Network management ,filters etc.

Write a command to locate the ‘Unix’ word ignoring case.

Write a command to display occurrence of string ‘se’.

Write a command to display line, which start with “the”.

Write a command to display line, which ends with ‘India’.

Write a command to replace all occurrences of Unix by Linux

To run script X1 in background so that its execution continues even user logout from the system.

To display last line of a file X1.

To deny execute permission to a group of a file X1.

To create link between file X1 and X1.link

Forcefully delete each file from directory D10/myDir

Show all hidden files from D10/Mydir

Sort filename by last access time from directory D10/mywork

Rename file chap 1 to unit 1

Find out number of lines of file chap01,words and characters

write a command to sort a line of file and also remove repeated line

Command to locate the sale ignoring case

Command to display occurrence of string ‘Sale’

Command to display line which start with ‘the’

Command to display line which end with ‘ia’

Command to print first three lines of file

Command to substitute ‘unix’ with ‘Linux’

Write a command to display all words in file 1 that begin with digit

To display total number of words and lines of files for which file name start with ‘m’

To display line number before each line

To display line 10 to 20 from file f1

To remove3 dir. Tree dir1/dir2/dir3 using single command

To move all files begin with digit from the parent dir to current dir

To convert decimal number 192 to hexadecimal

To give read and write permission to file f1

To display all unique words of file f1

Explain with example the purpose of BEGIN and END block of awk utility.

Count occurrence of pattern ‘operating system’ in file f1.

Etc.

Shell Script:

1. Write a shell script to reverse a number.

2 Write a shell script to perform mathematical operations using menu. (+\_\*/ \*\*)

3. Write a shell script to test the file is a executable file or not.

4. Write a shell script to find smallest of three numbers that are read from keyboard

5. Write a shell script to display list of all files in the current directory to which you have read write and execute permissions.

6. Write a shell script to check the entered no is palindrome or not

7. Write a shell script to remove only empty files from current

8. Linear Search

9. Binary Search

1. Bubble Sort
2. Selection sort
3. Arithmetic operations using functions
4. Write a shell script that accepts two file names from the command line, copies the first to second file and display the second file
5. Write a shell script that assigns execute permission to a file.8 Write a shell script that accepts one file and directory name and move that file to the directory and show recursive listing and long listing.
6. Write a shell script to give the result of student. Take marks of the five subjects, student name, roll no and percentage and show a message whether a student gets division as per the following rules:70% <-> distinction60%->1
7. Write a shell script to find out the gross salary and Net\_salary of an employee .

Grosssal=Basic\_sal+DA+ HRA

Basic\_sal DA% HRA%

>=20000 60 30

>=10000 and <20000 50 25

Else 40 20

17) Menu driven program for following cases

1. To check entered number is Even odd

2. To check entered number is palindrome.

3. To check entered number is Armstrong.

18) Program to implement calculator using command line argument.

19) Program to display Fibonacci series and nth term of Fibonacci series

using function .

20) To check whether given number is prime or not using function.

21) Write shell script to display list of users currently logged-in,

22) Display top 10 processes in descending order of CPU utilization and display processes with highest memory usage.

23) Shell script program to check whether given file is a directory or not

24)Shell script program to count number of files in a Directory

25)Shell script program to copy contents of one file to another

**PERL**

1. Array operations
2. Perl script to reverse a number.

3 To perform mathematical operations using menu. (+\_\*/ \*\*)

4 Find smallest of three numbers that are read from keyboard

5 Write a shell script to check the entered no is palindrome or not

6. Linear Search

7. Bubble Sort

8. Arithmetic operations using functions

9. Write a shell script to give the result of student. Take marks of the five subjects, studentname, roll no and percentage and show a message whether a student gets division as per the following rules:70% <-> distinction60%->1

10. Write a shell script to find out the gross salary and Net\_salary of an employee .

Grosssal=Basic\_sal+DA+ HRA

Basic\_sal DA% HRA%

>=20000 60 30

>=10000 and <20000 50 25

Else 40 20

11) Menu driven program for following cases

1. To check entered number is Even odd

2. To check entered number is palindrome.

3. To check entered number is Armstrong.

12) Program to display Fibonacci series and nth term of Fibonacci series

using function .

13)Program to find factorial of a number using function.

14) To check whether given number is prime or not using function.

15) Demonstrate use of Report in Perl.