

**UDHNA CITIZEN COMMERCE COLLEGE &
SPB COLLEGE OF BUSINESS ADMINISTRATION &
SMT. DIWALIBEN HARJIBHAI GONDALIA COLLEGE OF BCA & IT**

A.Y.: 2025-26

Class: T.Y.B.C.A. (5th Semester)

Subject: - Linux Operating System-Practical

| Sr. No. | Program |
|---------|--|
| 1 | Write a shell script that accepts a file name and number from the user from command line. Create a menu as follows: (i) Head (ii) Tail. Based on selection perform action |
| 2 | Write a shell script that takes file name as input and displays the file permissions. Change the permission of the entered file. (user->read write, group->read, other->read). |
| 3 | Write a shell script that accept one or more filenames as argument and convert all of them to uppercase, provided they exist in current directory. |
| 4 | Write a shell script to delete the lines containing a word <dd> if it appears between the 5th and 7th position. |
| 5 | Write a shell script that counts the number of vowels, consonants, numbers and special characters in the given string. |
| 6 | Write a shell script that accepts a string as command line argument and reverse the string. |
| 7 | Do as directed: 1. Display all the lines of a file that is 5 characters long and starts with S and ends with "?". 2. Display only the names of directories of the current directory. 3. Display only blank lines with their line numbers. 4. Write a <i>sed</i> command to append a blank line after each line of the file. 5. Display 5 th to 9 th character of the 6 th line of a file. 6. Write a <i>sed</i> command to add two spaces to the beginning of each line and two dashes at the end of each line. |
| 8 | Print the current date, time, username, and current working directory. |
| 9 | Write a shell script that take range for number and display them in reverse order and calculate the sum of it. |
| 10 | Write a shell script to check whether the entered number is palindrome or not. |

Jim