

shell sheet

Lab Exercises:

1. Write shell commands for the following.
 - (i) To create a directory in your home directory having 2 subdirectories.
 - (ii) In the first sub directory create 3 different files with different content in each of them.
 - (iii) Copy the first file from the first subdirectory to the second subdirectory.
 - (iv) Create one more file in the second subdirectory which has the output of the number of users and number of files.
 - (v) To list all the files which starts with either a or A.
 - (vi) To count the number of files in the current directory.
 - (vii) Display the output if the compilation of a program succeeds.
2. Execute the following commands in sequence: i) date ii) ls iii) pwd
3. Write a C program to simulate the **grep** command.

Additional Exercises:

1. Write shell commands for the following.
 - (i) To Display an error message if the compilation of a program fails.
 - (ii) To write a text block into a new file.
 - (iii) List all the files.
 - (iv) To count the number of users logged on to the system.
2. Write a C program to simulate **wc** command to count number of characters, words and lines in a file.