

Assignment 10

File Handling

1. Count number of characters Lines, Spaces and Tabs in a given text file.
2. Write a program to copy the contents of one file to another file. (Create command like cp you can name it my_cp).
3. Write a program that compares two files and return 0 if they are equal and 1 if they are not.
4. Write menu driven program which will store user provided string to buffer and store it into binary file. When program get started it will get buffer value from the binary file.

Menu:

1. set buffer
2. print buffer
3. exit

5. Create database of students which will store student name, roll_no & standard details. Store that details in files using fprintf() and get it using fscanf(). Data should be accessible between multiple execution of the program.

6. Write a program that requests for a filename and an integer value which is set as an offset value. The program then reads the file starting from the location specified by the offset value and prints the contents on the screen.

NOTE: If the offset value is a positive integer, then printing skips that many lines. If it is a negative number, it prints that many lines from the end of the file. An appropriate error message should be printed, if anything goes wrong.

7. Write a program which will delete specified character from the file.

8. Write a program which will search and replace the word in the file.

#####Content of sample.txt#####

This is the sample file to be replaced.

#####

./find_and_replace sample.txt file program

Output:

#####Content of sample.txt after command execution#####

This is the sample program to be replaced.

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