

PSG COLLEGE OF TECHNOLOGY, COIMBATORE -641004
DEPARTMENT OF COMPUTER APPLICATIONS
I SEMESTER MCA
23MX16 C PROGRAMMING LABORATORY
PROBLEM SHEET 12 – FILE HANDLING

1. Write a C Program to perform the following
To delete a specific Line from a Text File
To replace a specified Line in a Text File
To find the Number of Lines in a Text File

2. Write a program to copy one file to another, replacing all lowercase characters with their uppercase equivalents.
3. Two files file1 and file2 contain sorted lists of integers. Write a program to produce a third file DATA which holds the single sorted, merged list of these two lists. Use command line arguments to specify the file names.
4. Write a program that searches for every occurrence of a string in a text file and displays every line in which it finds the string.
5. Write a program that displays the contents of a file at the terminal 5 lines at a time. At the end of each 5 lines, have the program wait for a character to be entered from the terminal. If the character is a letter q, then the program should stop the display of a file; any other character should cause the next 5 lines from the file to be displayed.
6. Write statements that accomplishes the following. Assume that the structure

```
struct product {      int id;  
                      char name[20];  
                      int quantity;  
                      int cost;      };
```

Assume that the file "productinfo" already has 5 records.

- a. Write a program that opens the file and appends the given new records to the file.
b. Display the content of the file.

7. Write a program to words from a text file, counts how many of those words are equal to the word "vacation", all lowercase and prints out this count.