



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Computer Science

Topic: Text files

Worksheet No.: 7

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Write a C++ function definition to:

1. Open a text file "Book.txt". Accept a string from the user and write the details to the file.
2. Read the contents from a text file "Book.txt" and display the contents to the user.
3. Read the contents from a file "Vowel.txt" and count the number of vowels in it.
4. Read the contents from a file "Para.txt" and count the number of alphabets, digits and other special characters in it.
5. Read the file "Para.txt" and count the number of lines in it.
6. Write function definition for COUNT() in C++ to read the content of a text file STORY.TXT, count the presence of letter 'k' and 'u'.
7. Write function definition for COUNT() in C++ to read the content of a text file STORY.TXT, count the number of spaces.
8. Write function definition for SUCCESS() in C++ to read the content of a text file STORY.TXT, count the presence of word STORY and display the number of occurrence of "this" word.
9. Write function definition for COUNT() in C++ to read the content of a text file STORY.TXT, count the presence of word "his" and "her" (not case sensitive) and display the number of occurrence.
10. Write a function in C++ to count the no. of "Me" or "My" words present in a text file "DIARY.TXT"
11. Write a function in C++ to count the no. of uppercase and lowercase letters present in a text file "DIARY.TXT"
12. Write function definition for COUNT() in C++ to read the content of a text file STORY.TXT, count the number of lines starting with the letter M.
13. Write function definition for COUNT() in C++ to read the content of a text file STORY.TXT, count the number of lines starting with a digit.

14. Write function definition for WORD4CHAR() in C++ to read the content of a text file FUN.TXT, and display all those words, which has four characters in it and also display its count.

Example: If the content of the file fun.TXT is as follows:

When I was a small child, I used to play in the garden with my grand mom. Those days were amazingly funful and I remember all the moments of that time

The function WORD4CHAR() should display the following :

When used play with days were that time

Count=8

15. Assuming that a text file named FIRST.TXT contains some text written into it, write a function named vowelwords(), that reads the file FIRST.TXT and creates a new file named SECOND.TXT, to contain only those words from the file FIRST.TXT which start with a lowercase vowel (i.e. with 'a', 'e', 'i', 'o', 'u').

Example if the file FIRST.TXT contains Carry umbrella and overcoat when it rains

Then the file SECOND.TXT shall contain umbrella and overcoat it

16. Function Check() to accept a character from the user and count to display the number of occurrence of that character in the text file "Para.Txt"
17. Function Check() to accept a word from the user and count to display the number of occurrence of that word in the text file "Para.Txt"
18. Function Replace () to replace every "a" character in the text file "STORY.txt" to character "o".
19. Function Convert() to change all the uppercase letter to lower and vice-versa in a text file "Para.txt"
20. Function Del() to delete the word "to" in the file "STORY.txt".