

Course
&
Test Series

Self-Made Assignment - C Language

Concept of File and File Handling in C Language

Assignment Title: Word Counter from a File

Assignment Description:

Write a C program that:

1. Creates a text file named input.txt.
2. Allows the user to enter a sentence (e.g., "C programming is fun").
3. Saves the sentence into the file.
4. Then, opens the file and counts the number of words in the sentence.
5. Displays the total word count on the screen.

What Your Program Should Do (Instructions):

1. Create and open a file called input.txt in write mode.
2. Ask the user to type a sentence (use fgets() to allow spaces).
3. Write that sentence to the file.
4. Close the file after writing.
5. Reopen the file in read mode.
6. Read the sentence from the file.
7. Count the number of words (words are separated by spaces).
8. Print the total word count.

Output:

```
Enter a sentence: Learning C file handling is easy

File saved.

Reading from file...
Sentence: Learning C file handling is easy
Word Count: 6
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