

Assignment 1

1. **Problem Statement:** Write a C Program to Scan and Count the number of characters, words, and lines in a file.

AIM : To Write a C Program to Scan and Count the number of characters, words, and lines in a file.

ALGORITHM :

1. Start
2. Read the input text
3. Initialize the counters for characters, words, lines to zero
4. Scan the characters, words, lines and
5. increment the respective counters
6. Display the counts

Input: Enter the Identifier input string:

This is compiler design class of

CSBS

Output:

Lines: 2

Words: 7

Characters: 31

Improve The code to read a text file and count the number of characters, words and lines.