Question no : 14.5

Date : 30-11 -2024

Question : Find the number of characters, no words and no of lines present in the given file

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#include <stdio.h>

int main()

{

char fileName[100];

char ch;

int cc = 0, wc = 0, lc = 0;

printf("Enter the file name: ");

scanf("%s", fileName);

FILE \*file = fopen(fileName, "r");

if (file == NULL) {

printf("Error: Could not open file %s\n", fileName);

return 1;

}

while ((ch = fgetc(file)) != EOF)

{

cc++;

if (ch == '\n')

{

lc++;

}

if (ch == ' ' || ch == '\n' || ch == '\t')

{

wc++;

}

}

if (cc > 0 && lc == 0)

{

lc = 1;

}

printf("Number of characters: %d\n", cc);

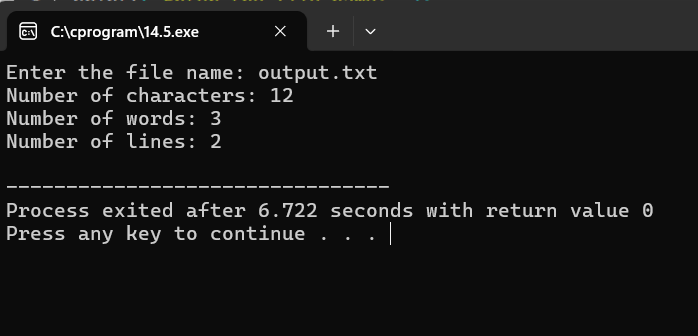
printf("Number of words: %d\n", wc + 1);

printf("Number of lines: %d\n", lc);

fclose(file);

return 0;

**Output**

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