**A41 - WAP to count no. of characters, words and lines, entered through stdin**

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Description :

Implement 'wc' function

Sample Input :

Hello world

Dennis Ritchie

Linux

Sample Output :

Character count : 33

Line count : 3

Word Count : 5

\*/

#include<stdio.h>

#include<stdlib.h>

int main()

{

int flag = 0;

int char\_count = 0, word\_count = 0, line\_count = 0;

char ch;

while((ch = getchar()) != EOF)

{

char\_count++;

if(ch == '\n')

{

line\_count++;

}

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

{

if(flag == 0)

{

word\_count++;

flag = 1;

}

}

else

{

flag = 0;

}

}

if(flag == 0)

{

word\_count++;

}

/\*print count value\*/

printf("Character count : %d\n", char\_count);

printf("Line count : %d\n", line\_count);

printf("Word count : %d\n", word\_count);

return 0;

}