12. NUMBER OF WHITESPACES AND NEWLINE CHARACTERS

CODE:

#include <stdio.h>

#include <ctype.h>

int main() {

char input[1000];

printf("Enter a string:\n");

fgets(input, sizeof(input), stdin);

int spaceCount = 0;

int tabCount = 0;

int newlineCount = 0;

for (int i = 0; input[i] != '\0'; i++) {

if (isspace(input[i])) {

if (input[i] == ' ') {

spaceCount++;

} else if (input[i] == '\t') {

tabCount++;

} else if (input[i] == '\n') {

newlineCount++;

}

}

}

printf("Number of spaces: %d\n", spaceCount);

printf("Number of tabs: %d\n", tabCount);

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

return 0;

}

OUTPUT:

Enter a string:

RISHIKA IS A VERY BAD GIRL

Number of spaces: 5

Number of tabs: 0

Number of newline characters: 1

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Process exited after 7.031 seconds with return value 0

Press any key to continue . . .

