#include <stdio.h>

int main() {

char input[1000];  
 int whitespace\_count = 0;

int newline\_count = 0;

printf("Enter text (Ctrl+D to end):\n");

while (fgets(input, sizeof(input), stdin) != NULL) {

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

if (input[i] == ' ' || input[i] == '\t' || input[i] == '\v' || input[i] == '\f' || input[i] == '\r') {

whitespace\_count++;

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

newline\_count++;

}

}

}

printf("Number of whitespaces: %d\n", whitespace\_count);

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

return 0;

}