#include <stdio.h>

#include <string.h>

#include <ctype.h>

int main() {

char str[100];

int vowels = 0, consonants = 0, words = 0, spaces = 0, special\_chars = 0;

int len, i;

printf("Enter a string: ");

gets(str);

len = strlen(str);

for (i = 0; i < len; i++) {

char c = tolower(str[i]);

if (c >= 'a' && c <= 'z') {

if (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u') {

vowels++;

} else {

consonants++;

}

} else if (isspace(c)) {

spaces++;

} else {

special\_chars++;

}

}

words = spaces + 1;

printf("\nWords = %d", words);

printf("\nVowels = %d", vowels);

printf("\nConsonants = %d", consonants);

printf("\nSpaces = %d", spaces);

printf("\nSpecial Characters = %d", special\_chars);

return 0;

}