Problem : **Count the number of sign changes.**

Write a program that allows the user to enter a zero-terminated sequence of positive and negative numbers and then counts the number of sign changes as the sequence is read left to right. Zero signals the end of the sequence but is not considered to be part of the sequence.

Examples :

input	output
1 2 3 4 -7 -8 0	1
1 2 3 4 -7 -8 2 5 4 0	2
1 2 3 4 0	0
-1 2 -3 4 5 -6 0	4

-Ely