

X64929_en

Implement a program such that, given a sequence of characters from { '-', ':', '(', ') ' }, prints its level of happiness and sadness.

The input contains only one line with a sequence of characters from { '-', '!', '(', ')', ' ' }.

The output has two numbers separated by a white space, the happiness and sadness levels of the input text.

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Do not use `strings` nor any other massive data storage method. Read and treat the input character by character.

<https://judge.org>