

6

Crochet planning

4 points

Introduction

During this winter, granny Mary has spent a good amount of time next to her fireplace doing crochet while watching tv and the pictures of her grandchildren. Consequently, her production has been quite high. Now she is planning an improvement for next winter: to precisely predict the amount of yarn needed (since it has always been a problem). Although she worked as a programmer in the old days, quite some time has passed and a lot has changed, so she is asking you to help her by creating a program capable of carrying it out.

The croquet technique is based on the premise that the consumption of yarn depends on the type of stich. Mary has defined the following:

- Chain, represented by 'o', consumes 1 cm
- Single crochet, represented by '+', consumes 1.5cm
- Double crochet, represented by 'T', consumes 2cm

Input

Single or multiple lines containing the characters granny Mary used to represent each type of stich. When reading a '#' it will mean the end of the sequence.

Output

Amount of yarn required in cm.

Example 1**Input**

oT++T

T+ooo

#

Output

14.5

Example 2**Input**

o+T

#

Output

4.5