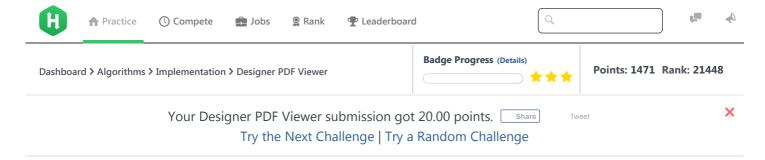
3/28/2018 HackerRank



Designer PDF Viewer



Problem Submissions Leaderboard Discussions Editorial €

When you select a contiguous block of text in a PDF viewer, the selection is highlighted with a blue rectangle. In this PDF viewer, each word is highlighted independently. For example:



In this challenge, you will be given a list of letter heights in the alphabet and a string. Using the letter heights given, determine the area of the rectangle highlight in mm^2 assuming all letters are 1mm wide.

Input Format

The first line contains **26** space-separated integers describing the respective heights of each consecutive lowercase English letter, ascii[a-z]. The second line contains a single word, consisting of lowercase English alphabetic letters.

Constraints

- $1 \le h_? \le 7$, where ? is an English lowercase letter.
- Word contains no more than 10 letters.

Output Format

Print a single integer denoting the area in mm^2 of highlighted rectangle when the given word is selected. Do not print units of measure.

Sample Input 0

Sample Output 0

9

Explanation 0

We are highlighting the word <code>abc</code>:

Letter heights are a=1, b=3 and c=1. The tallest letter, b, is 3mm high. The selection area for this word is $3 \cdot 1mm \cdot 3mm = 9mm^2$.

Note: Recall that the width of each character is 1mm.

Sample Input 1

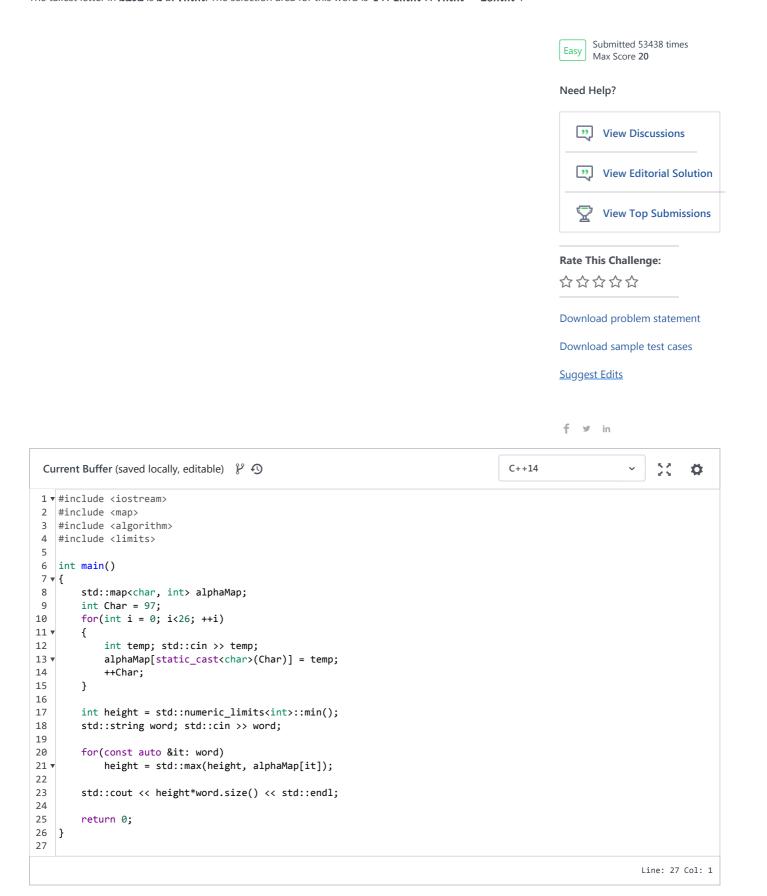
Sample Output 1

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28

Explanation 1

The tallest letter in zaba is z at 7mm. The selection area for this word is $4 \times 1mm \times 7mm = 28mm^2$.



1 Upload Code as File

Test against custom input

Submit Code

Run Code

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Congrats, you solved this challenge! Challenge your friends: f in			
✓ Test Case #0	✓ Test Case #1	✓ Test Case #2	
✓ Test Case #3	✓ Test Case #4	✓ Test Case #5	
✓ Test Case #6			
	You'v	ve earned 20.00 points.	Next Challenge

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