

# Problem 13 – Sum of All Values

You are given a **keys string** and a **text string**. Write a program that finds the **start key** and the **end key** from the **keys string** and then **applies them to the text string**.

The **start key** will always stay at the **beginning** of the **keys string**. It can contain **only letters and underscore** and **ends just before the first found digit**.

The **end key** will always stay at the **end** of the **keys string**. It can contain **only letters and underscore** and **starts just after the last found digit**.

Print at the console the **sum of all values (only integer and floating-point numbers with dot as a separator are considered valid)** in the **text string**, between a **start key** and an **end key**. If the value is 0 then print “The total value is: *nothing*”. If no start key or no end key is found then print “A key is missing”.

## Input

The input will be read from the console. The first line will hold the keys string and the second line will hold the text to search.

## Output

The output should hold the **result text**, printed in an HTML paragraph. The actual value of the sum should be *italic*.

## Constraints

- The **keys string and text string** will hold only **ASCII** characters (no Unicode).
- Allowed working time: 0.1 seconds. Allowed memory: 16 MB.

## Examples

Input	
keysString	<b>startKEY12adghfg243212gadghfgs43endKEY</b>
textString	asdjykulgfdffsffd <b>startKEY12endKEYqwfrhtyu67543rewghy3tefdgd</b> <b>startKEY123.45endKEYwret34yrestartKEY2.6endKEY213434ytuhrgwerweasfd</b> <b>startKEYendKEYstartKEYasfdgeendKEY</b>
Output	
<p>The total value is: <em>138.05</em></p>	

Input	
keysString	<b>startKEY12a</b>
textString	asdjykulgfdffsffd <b>startKEY12endKEYqwfrhtyu67543rewghy3tefdgdstartKEY123</b> .45 <b>endKEYwret34yrestartKEY2.6endKEY213434ytuhrgwerweasfd</b> <b>startKEYendKEYstartKEYasfdgeendKEY</b>
Output	
<p>The total value is: <em>nothing</em></p>	

Input	
keysString	<b>startKEY12</b>
textString	asdjykulgfdffsffd <b>startKEY12endKEYqwfrhtyu67543rewghy3tefdgd</b>
Output	
<p>A key is missing</p>	