

## 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	startKEY12adghfgh243212gadghfgs43endKEY
textString	asdjykulgfjddfsffdstartKEY12endKEYqwfrhtyu67543rewghy3tefdgd startKEY123.45endKEYwret34yrestartKEY2.6endKEY213434ytuhrgerweasfd startKEYendKEYstartKEYasfdgeendKEY
Output	
<p>The total value is: <em>138.05</em></p>	

Input	
keysString	startKEY12a
textString	asdjykulgfjddfsffdstartKEY12endKEYqwfrhtyu67543rewghy3tefdgdstartKEY123 .45endKEYwret34yrestartKEY2.6endKEY213434ytuhrgerweasfd startKEYendKEYstartKEYasfdgeendKEY
Output	
<p>The total value is: <em>nothing</em></p>	

Input	
keysString	startKEY12
textString	asdjykulgfjddfsffdstartKEY12endKEYqwfrhtyu67543rewghy3tefdgd
Output	
<p>A key is missing</p>	