# Problem 1 – Precious Stones

### Joro has discovered various rocks. Each rock is composed of various elements, and each element is represented by a lower-case Latin letter from 'a' to 'z'. An element can be present multiple times in a rock. An element is called a precious stone if it occurs at least once in each of the rocks.

### Given the list of rocks with their compositions, display the number of precious stones that exist in those rocks.

### Input

The input will be read from an **HTTP GET** **request** holding a parameter named **rocks**. Entries in the input string will be separated by a **comma**.

### Output

Print the number of precious stones that are common in these rocks. If there are none, print 0.

### Constraints

* Each composition consists of only lower-case Latin letters ('a'-'z').
* Length of each composition [1...100] characters.
* Number of rocks will be in range [1...100].
* Allowed working time for your program: 0.2 seconds. Allowed memory: 16 MB.

### Examples

|  |  |
| --- | --- |
| **Input** | |
| rocks | zhcdde,hzccd,eezhg |
| **Output** | |
| 2 | |

|  |  |
| --- | --- |
| **Input** | |
| rocks | zcgdef,hzgfcd,eedfhg |
| **Output** | |
| 3 | |

### Explanation

In the first example only "z" and "h" are the two kinds of precious stones, since these are the only characters that occur in every rock's composition. In the second example "g", "d" and "f" fulfill the condition.