

Your Set .add() submission got 10.00 points.

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If we want to add a single element to an existing set, we can use the .add() operation. It adds the element to the set and returns 'None'.

Example

```
>>> s = set('HackerRank')
>>> s.add('H')
>>> print s
set(['a', 'c', 'e', 'H', 'k', 'n', 'r', 'R'])
>>> print s.add('HackerRank')
None
>>> print s
set(['a', 'c', 'e', 'HackerRank', 'H', 'k', 'n', 'r', 'R'])
```

Task

Apply your knowledge of the .add() operation to help your friend Rupal.

Rupal has a huge collection of country stamps. She decided to count the total number of distinct country stamps in her collection. She asked for your help. You pick the stamps one by one from a stack of N country stamps.

Find the total number of distinct country stamps.

Input Format

The first line contains an integer N , the total number of country stamps.

The next N lines contains the name of the country where the stamp is from.

Constraints

$0 < N < 1000$

Output Format

Output the total number of distinct country stamps on a single line.

Sample Input

```
7
UK
China
USA
France
New Zealand
UK
France
```

Sample Output

```
5
```

Explanation

UK and France repeat twice. Hence, the total number of distinct country stamps is **5** (five).

Author

[deleted]

Difficulty

Easy

Max Score

10

Submitted By

91042

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```
1 # Enter your code here. Read input from STDIN. Print
  output to STDOUT
2 n=input()
3
4 s1=set()
5 for i in range(int(n)):
6     if i not in s1:
7         s1.add(input())
8
9 print(len(s1))
10
```

Line: 5 Col: 1

Upload Code as File

Test against custom input

Run Code

Submit Code

Python

You have earned 10.00 points!

25/115 challenges solved.

22%

Congratulations

You solved this challenge. Would you like to challenge your friends?

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Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Compiler Message

Success

Input (stdin)

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```
1 7
2 UK
3 China
4 USA
5 France
6 New Zealand
7 UK
8 France
```