

## Problem A: How many substrings

Time Limit: 1 Sec Memory Limit: 128 MB

Submit: 884 Solved: 538

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### Description

Give you a string, you should print how many none empty substrings it has.

### Input

The first line is number of tests.  $T$  ( $1 \leq T \leq 10$ )

The second line is a string  $S$ . The length of  $S$  doesn't exceed 1000, that is  $|S| \leq 1000$

$S$  will only contain lower case English letters.

### Output

For each test, you should print an integer in a single line, which is the number of none empty substrings of  $S$ .

### Sample Input

```
1
hello
```

### Sample Output

```
15
```

### HINT

Easy problem.

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