

## Domain Filtering

Each email address consists of two parts: the username (the part before the @) and the domain (the part after the @). Some email clients allow their users to filter incoming emails based on the domain of their origin addresses. For example, if an email is received from “test@example.com” and a filter is set for “example.com”, the received email will not be shown in the client.

You are to implement a rudimentary version of this feature. You will be given  $N$  email addresses. You will need to count the number of emails that will be filtered out given a string  $M$ , the email domain you will be filtering out.

### Format Input

The first line contains a single integer  $N$ . The next  $N$  lines will contain a string  $O_i$ , the origin address of the  $i$ -th email. The final line will contain  $M$ , the email domain to be filtered out.

### Format Output

Output a single integer  $X$ , the number of emails that will be filtered out.

### Constraints

- $1 \leq N \leq 1000$
- $1 \leq |O_i| \leq 100$
- $O_i$  will only contain lowercase characters, underscore, dots, and one single @ character.

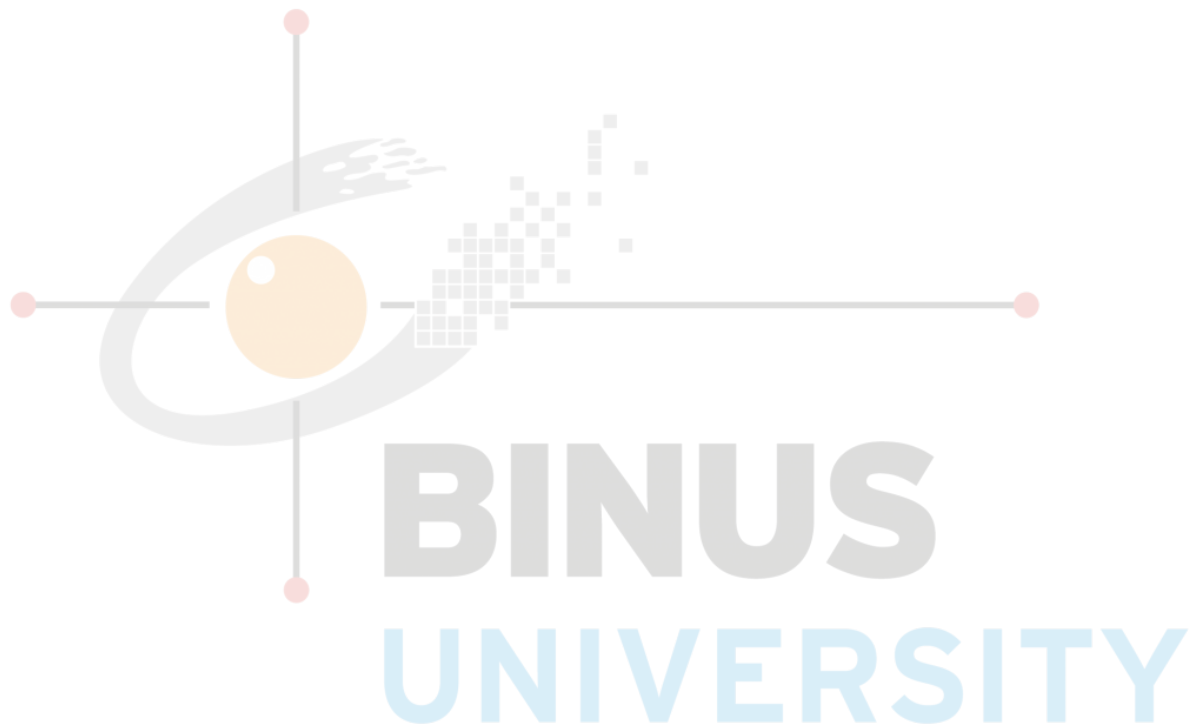
### Sample Input (standard input)

```
4
jojo_jotaro@yagoo.com
lili_lee@beenoose.ac.id
bibbi_the.bee@boogle.com
big_grass_field@yagoo.com
yagoo.com
```

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## Sample Output (standard output)

2
---



## Domain Filtering

Setiap alamat email terdiri dari dua bagian: username (bagian yang ada di sebelah kiri @) dan domain (bagian yang ada di sebelah kanan @). Beberapa email client memungkinkan penggunaannya untuk memfilter email masuk berdasarkan domain alamat email pengirimnya. Sebagai contoh, jika sebuah email diterima dari alamat “test@example.com” dan filter domain diatur untuk memfilter “example.com”, email tersebut tidak akan ditampilkan di client.

Kamu akan membuat versi simpel dari fitur ini. Kamu akan diberikan  $N$  alamat email. Kemudian anda harus menghitung jumlah email yang akan terkena filter jika diberikan sebuah string  $M$ , domain email yang harus difilter.

### Format Input

Baris pertama berisi suatu bilangan bulat  $N$ .  $N$  baris berikutnya berisi suatu string  $O_i$ , alamat email pengirim dari email ke- $i$ . Baris terakhir akan berisi  $M$ , domain email yang harus difilter.

### Format Output

Output sebuah bilangan bulat  $X$ , jumlah email yang akan terkena filter.

### Constraints

- $1 \leq N \leq 1000$
- $1 \leq |O_i| \leq 100$
- $O_i$  hanya akan mengandung karakter lowercase, underscore, titik, dan satu karakter @.

### Sample Input (standard input)

```
4
jojo_jotaro@yagoo.com
lili_lee@beenoose.ac.id
bibbi_the.bee@boogle.com
```

```
big_grass_field@yagoo.com  
yagoo.com
```

## Sample Output (standard output)

```
2
```

