There is a collection of input strings and a collection of query strings. For each query string, determine how many times it occurs in the list of input strings. Return an array of the results.

Example

$strings = ['ab', 'ab', 'abc']$

$queries = ['ab', 'abc', 'bc']$

There are **2** instances of 'ab', **1** of 'abc' and **0** of 'bc'. For each query, add an element to the return array, $results = [2, 1, 0]$.

Function Description

Complete the function matchingStrings in the editor below. The function must return an array of integers representing the frequency of occurrence of each query string in strings.

matchingStrings has the following parameters:

- string strings[n] - an array of strings to search
- string queries[q] - an array of query strings

Returns

- int[q]: an array of results for each query

Input Format

The first line contains and integer n, the size of $strings[]$.
Each of the next n lines contains a string $strings[i]$.
The next line contains q, the size of $queries[]$.
Each of the next q lines contains a string $queries[i]$.

Constraints

$1 \leq n \leq 1000$
$1 \leq q \leq 1000$
$1 \leq |strings[i]|, |queries[i]| \leq 20$.

Sample Input 1

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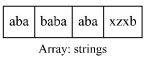
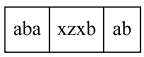


Array: strings

```
4
aba
baba
aba
xzxb
3
aba
xzxb
ab
```



Array: queries

Sample Output 1

```
2
1
0
```

```
20          *  1. STRING_ARRAY strings
21          *  2. STRING_ARRAY queries
22          */
23
24      public static List<Integer> matchingStrings(List<Stri
    {
25          // Write your code here
26              List<Integer>ans = new ArrayList<Integer>();
27
28              for(int i=0; i<queries.size(); i++){
29                  int cnt = 0;
30                  String toCount = queries.get(i);
31
32                  for(int j=0; j<strings.size(); j++){
33
34                      if(toCount.equals(strings.get(j))){
35                          cnt++;
36                      }
37                  }
38
39                  ans.add(cnt);
40              }
41
42              return ans;
43          }
44
45      }
46
47      public class Solution {
```

Line: 41 Col: 9

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

Next Challenge

Test case 0
Test case 1
Test case 2
Test case 3
Test case 4
Test case 5
Test case 6

Compiler Message

Success

Hidden Test Case

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