

Pattern Matching

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Given a list of n words and a pattern p that we want to search. Check if the pattern p is present in the given words or not. Return true if the pattern is present and false otherwise.

Input Format :

The first line of input contains an integer, that denotes the value of n.

The following line contains n space separated words.

The following line contains a string, that denotes the value of the pattern p.

Output Format :

The first and only line of output contains true if the pattern is present and false otherwise.

Constraints:

Time Limit: 1 sec

Sample Input 1 :

```
4
abc def ghi cba
de
```

Sample Output 2 :

```
true
```

Sample Input 2 :

```
4
abc def ghi hg
hi
```

Sample Output 2 :

```
true
```

Sample Input 3 :

```
4
abc def ghi hg
hif
```

Sample Output 3 :

```
false
```