

Description

My Submissions

Hints/Editorial

AC Submissions

My Notes (0)

Word Dictionary

? Ask Doubt

Time-Limit: 2 sec

Score: 0/100

Difficulty: ★★

Memory: 256 MB

Accepted Submissions: 100

Relevant For:

AZ-201

Description

Design a data structure that supports adding new words and finding if a string matches any previously added string.

Implement the **WordDictionary** class:

1.

WordDictionary() - Initialises the object.
2.

void addWord(word) - Adds word to the data structure, it can be matched later.
3.

bool search(word) - Returns **true** if there is any string in the data structure that matches **word** or **false** otherwise. **word** may contain dots '.' where dots can be matched with any letter.

Input Format

Your WordDictionary object will be instantiated and called as such:

```
WordDictionary* obj = new WordDictionary();
obj->addWord(word);
bool param_2 = obj->search(word);
```

Output Format

For **search** queries, if there is a string in the data structure that matches **word**, 'Yes' is printed. Otherwise, 'No' is printed.

Constraints

```
1 <= |word| <= 100
1 <= q <= 1000 (total number of function calls made)
word in addWord consists of lower case English alphabets
word in search consists of lower case English alphabets and '.' character
```

Sample Input 1

Copy

```
7
add dad
add bad
add mad
search pad
search mad
search .ad
```

C++14[GCC] ▾

Submit

1 ▾ #include <bits/stdc++.h>

2 using namespace std;

3

4 ▾ class WordDictionary {