

# Problem 1961: Check If String Is a Prefix of Array

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 52.72%

**Paid Only:** No

**Tags:** Array, Two Pointers, String

## Problem Description

Given a string `s` and an array of strings `words`, determine whether `s` is a **prefix string** of `words`.

A string `s` is a **prefix string** of `words` if `s` can be made by concatenating the first `k` strings in `words` for some **positive** `k` no larger than `words.length`.

Return `true` if `s` is a **prefix string** of `words`, or `false` otherwise.

**Example 1:**

**Input:** `s = "iloveleetcode", words = ["i","love","leetcode","apples"]` **Output:** `true`

**Explanation:** `s` can be made by concatenating `"i"`, `"love"`, and `"leetcode"` together.

**Example 2:**

**Input:** `s = "iloveleetcode", words = ["apples","i","love","leetcode"]` **Output:** `false`

**Explanation:** It is impossible to make `s` using a prefix of `arr`.

**Constraints:**

`1 <= words.length <= 100` `1 <= words[i].length <= 20` `1 <= s.length <= 1000` `words[i]` and `s` consist of only lowercase English letters.

## Code Snippets

### C++:

```
class Solution {  
public:  
    bool isPrefixString(string s, vector<string>& words) {  
  
    }  
};
```

### Java:

```
class Solution {  
    public boolean isPrefixString(String s, String[] words) {  
  
    }  
}
```

### Python3:

```
class Solution:  
    def isPrefixString(self, s: str, words: List[str]) -> bool:
```