

Problem 2108: Find First Palindromic String in the Array

Problem Information

Difficulty: Easy

Acceptance Rate: 83.99%

Paid Only: No

Tags: Array, Two Pointers, String

Problem Description

Given an array of strings `words`, return `the first` **palindromic** string in the array. If there is no such string, return `an` **empty string** `""`.

A string is **palindromic** if it reads the same forward and backward.

Example 1:

Input: `words = ["abc", "car", "ada", "racecar", "cool"]` **Output:** `"ada"` **Explanation:** The first string that is palindromic is "ada". Note that "racecar" is also palindromic, but it is not the first.

Example 2:

Input: `words = ["notapalindrome", "racecar"]` **Output:** `"racecar"` **Explanation:** The first and only string that is palindromic is "racecar".

Example 3:

Input: `words = ["def", "ghi"]` **Output:** `""` **Explanation:** There are no palindromic strings, so the empty string is returned.

Constraints:

*`1 <= words.length <= 100` *`1 <= words[i].length <= 100` *`words[i]` consists only of lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
    string firstPalindrome(vector<string>& words) {

    }
};
```

Java:

```
class Solution {
    public String firstPalindrome(String[] words) {

    }
}
```

Python3:

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