

1. 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.

A. Program:

```
def findFirstPalindromicString(words):
```

```
    for word in words:
```

```
        if isPalindrome(word):
```

```
            return word
```

```
    return ""
```

```
def isPalindrome(word):
```

```
    left = 0
```

```
    right = len(word) - 1
```

```
    while left < right:
```

```
        if word[left] != word[right]:
```

```
            return False
```

```
        left += 1
```

```
        right -= 1
```

```
    return True
```

Example usage:

```
words = ["abc", "car", "ada", "racecar", "cool"]
```

```
print(findFirstPalindromicString(words)) # Output: "ada"
```

Output:

```
ada
```

```
=== Code Execution Successful ===
```

Time complexity: $O(n)$