

126 . 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.

AIM: To print the string palindromic or not in the array

PROGRAM:

```
def is_palindrome(s):
```

```
    """ Helper function to check if a string s is a palindrome """
```

```
    return s == s[::-1]
```

```
def first_palindromic_string(words):
```

```
    """ Function to find the first palindromic string in the list of words """
```

```
    for word in words:
```

```
        if is_palindrome(word):
```

```
            return word
```

```
    return ""
```

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

```
result = first_palindromic_string(words)
```

```
print(f"Output: '{result}'")
```

```
Output: 'ada'
```

OUTPUT:

TIME COMPLEXITY: $O(m.n)$