

Completed on Dec 09, 11:52 PM	Candidate status Completed	Candidate stage Assessment Completed	Average score 90%	Total Time 39m 52s
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Summary

Test	JavaScript and Node.js	90%
	• JavaScript Fundamentals	100%
	• Node.js Fundamentals	100%
	• RESTful API Design	100%
	• Security	100%
	• Testing and Debugging	100%
	• Asynchronous Programming	50%

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Trust insights

- ✓ Device used
Linux PC
- ✗ IP violation
Detected

Custom questions

Coding

Challenge: Palindrome Word Filter

Write a function that takes an array of strings and returns a new array containing only the strings that are palindromes. A palindrome is a word that reads the same backward as forward, ignoring case.

Requirements:

- 1. The function should be named `filter_words`.
- 2. It should accept one parameter: an array of strings.
- 3. It should return an array of palindromes from the input array.
- 4. Treat uppercase and lowercase letters as the same (e.g., "Level" is a palindrome).

Example Input:

```
const words = ["level", "world", "radar", "hello", "madam", "JavaScript"];
```

Example Output:

```
["level", "radar", "madam"]
```

Question:

```
const words = ["A man, a plan, a canal, Panama", "No lemon, no melon!", "hello"];
```

Submitted Code	Language:	Total Test Score:	Time Taken: 20 minutes 1 seconds
	JavaScript	-1/0	mins

```
1function filter_words(arr){
2
3
4let str=arr.toString()
5
6  let left=0,
7  let right=str.length-1
8
9  while (left<right)
10 {
11   if (str[left]!==str[right])
12   {
13    return false
14   }
15   left++,
16   right--,
17
18   return true
19 }
20
21}
22
23
24let checkPalindrome=filter_words('level')
25
26console.log(checkPalindrome)
```

Test cases