

Completed on Dec 09, 11:52 PM	Candidate status Completed	Candidate stage Assessment Completed	Average score 90%	Total Time 39m 5s
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Summary

Test	JavaScript and Node.js	90%
	• Asynchronous Programming	100%
	• JavaScript Fundamentals	100%
	• RESTful API Design	100%
	• Security	100%
	• Testing and Debugging	100%
	• Node.js Fundamentals	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: JavaScript	Total Test Score: -1/0	Time Taken: 20 minutes 1 seconds mins
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```
1let fs = require("fs");
2
3    const words =["A man, A plan, A canal , Panama","No lemon, No melon!","hello"];
4
5    function filter_words(result) {
6        // your code goes here
7        if(words.reverse===words){
8            result= word
9        }else{
10            console.log("It is not a palindrome")
11        }
12
13
14        return result;
15
16    }
17
18    // keep this function call here
19    let stdinBuffer = fs.readFileSync(0)
20    console.log(filter_words(stdinBuffer.toString()));
```

Test cases