Completed on	Candidate status	Candidate stage	Average score	Total Time
Dec 10, 11:38 PM	Completed	Assessment Completed	50%	31m 6s

Summary

Test	**JavaScript and Node.js**	**50%**
• Security		100%
• Testing and Debugging		100%
• Asynchronous Programming		50%
• Node.js Fundamentals		50%
• JavaScript Fundamentals		0%
• RESTful API Design		0%

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Trust insights

✓ Device used
Linux PC

✓ Location
Lahore (PB), PK

✕ 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:** 14 minutes 15 seconds mins

```
1  let fs = require("fs");
2
3      function filter_words(result) {
4
5        // your code goes here
6        const isPalindrome = result.filter((item)=> {
7          item.map((character) => character == character++   )
8        })
9
10       return isPalindrome;
11
12     }
13
14     // keep this function call here
15     let stdinBuffer = fs.readFileSync(0)
16     console.log(filter_words(stdinBuffer.toString()));
```

Test cases