

Completed on Dec 10, 11:23 PM	Candidate status Completed	Candidate stage Assessment Completed	Average score 50%	Total Time 16m 42s
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Summary

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

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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: 9 minutes 44 seconds mins
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```
1let fs = require("fs");
2
3  function filter_words(result) {
4
5      const palindromeWords = [];
6
7      result.forEach((word)=>{
8
9          const reverseWord = word.toLowerCase().split("").reverse().join("");
10
11          if(reverseWord === word){
12              palindromeWords.push(word);
13          }
14
15      })
16
17      // your code goes here
18      return palindromeWords;
19  }
20
21  // keep this function call here
22  let stdinBuffer = fs.readFileSync(0)
23
24  const dummyInput = ["level","world","radar","hello","madam","JavaScript"];
25  console.log(filter_words(dummyInput));
26  // stdinBuffer.toString()
```

Test cases