

Hashim Aziz Muhammad

Task 6 - Control Structures - For and While Loops

Course: JavaScript Programming

Reviewed By: Sam Baloyi

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Scores

Completeness: 4/4

Efficiency: 4/4

Style: 4/4

Documentation: 4/4

Positive aspects of the submission

Hey Hashim, great work on completing both task 1 and task 2! Let's review your solutions:

Compulsory Task 1:

Your HTML structure for the Number Swapping task is well-organised and user-friendly. You've provided clear instructions and input fields for the user to enter a number of at least 3 digits. The use of Bootstrap classes ensures a clean and responsive design.

In your JavaScript file `swapping.js`, you've implemented the `swapNumbers` function effectively using a for loop to swap the second digit and last digit of the input number. The code handles edge cases such as checking if the input is at least 3 digits long and displays appropriate validation messages accordingly. Overall, your solution is concise, readable, and demonstrates a good understanding of the problem requirements.

Compulsory Task 2:

For the Palindrome Checker task, your HTML layout is clean and intuitive, with a form field for the user to input a word and a button to check if it's a palindrome. You've used Bootstrap classes for styling, enhancing the visual appeal of the page.

In the `palindrome.js` file, you've implemented the `checkPalindrome` function accurately, using a while loop to determine whether the input word is a palindrome. The code correctly handles cases where the word reads the same forwards and backwards, converting the input to lowercase for case-insensitive comparison. Additionally, you've provided clear error messages for invalid input, ensuring a smooth user experience.

Overall feedback

Overall, your solutions demonstrate solid problem-solving skills and a good grasp of JavaScript concepts. Keep up the excellent work, Hashim.