

## REFLECTION

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This JavaScript assignment helped me strengthen my understanding of loops, conditionals, and array manipulation. In part1, I learned to encode strings by modifying character codes, which was both engaging and practical. Functions like part2 and part3 allowed me to apply comparison logic and loops effectively, while handling edge cases, such as equal values, was a good challenge.

The most difficult part was part5, where separating odd and even numbers, calculating their sums, and reorganizing the array tested my problem-solving skills. Debugging and passing all tests taught me the importance of logical precision and attention to detail.

Overall, this assignment improved my coding skills and confidence in JavaScript.