

# Hashim Aziz Muhammad

## Task 10 - Object-Oriented Programming

Course: JavaScript Programming

Reviewed By: Sam Baloyi

Date Submitted: March 28, 2024, 9:54 a.m.

Date Reviewed: March 29, 2024, 11:06 a.m.

Student number: HA24010012783

[Link to Previous Review](#)

### Scores

Completeness: 4/4

Efficiency: 4/4

Style: 4/4

Documentation: 4/4

### Positive aspects of the submission

Hi Hashim. I hope you are doing well. Thank you for submitting your work.

Hashim, your implementation of the inventory management system using JavaScript demonstrates a solid understanding of object-oriented programming concepts and array manipulation. Let's highlight some positive aspects and areas for improvement in your code.

One positive aspect is the clear organization of your code into functions, each serving a specific purpose. This modular approach enhances readability and maintainability, making it easier to understand and debug your code.

Your use of object constructors to create instances of shoe objects is appropriate and aligns well with the task requirements. By encapsulating shoe data within objects, you ensure data integrity and facilitate easier manipulation and retrieval of shoe information.

The implementation of functions to search for a specific shoe, find the shoe with the lowest and highest value per item, edit shoe properties, and order shoes by value per item in ascending order covers a comprehensive range of inventory management tasks. These functions provide valuable functionality for interacting with the inventory array.

### Aspects of the submission that could be improved

There are areas where improvements can be made. For example, the editShoe function could be enhanced to handle edge cases more robustly, such as validating input data and providing clearer error messages when a shoe is not found.

### Overall feedback

Overall, your implementation demonstrates proficiency in JavaScript and array manipulation techniques. With some refinements to error handling and documentation, your inventory management system would be even more robust and maintainable. Keep up the good work and continue honing your skills in JavaScript development.