

Stefan

Overall Score: 85%

Detailed Review

Question 1: Boolean Operators (10/10 marks)

Your Answers: - a) false - b) false - c) true - d) true - e) false

Excellent work! You've correctly evaluated all the boolean expressions. Your understanding of logical operators is spot on.

Question 2: Block Scope Understanding (10/10 marks)

Your Answers: - a) "burger" - b) "pizza" - c) error drink is not defined

Perfect! You've correctly understood block scope and identified that `drink` would cause an error when accessed outside its block.

Question 3: Function Terminology (8/10 marks)

Your Answers: - a) greetPerson - b) fistNmae, lastName (typo in firstName)
- c) ("Sarah", "Smith")

Feedback: You have a small typo in "fistNmae" - it should be "firstName". Otherwise, your understanding is correct.

Correct Answer: firstName, lastName

Question 4: Function Call Definition (10/10 marks)

Your Answers: - a) calculateArea(5, 3); - b) calculateArea(10, 7); - c) calculateArea(4, 4);

Perfect! You've provided the correct function calls with proper syntax.

Question 5: Writing a Function (15/15 marks)

Your Answer:

```
function displayProperty(address, price, bedrooms) {  
    console.log("Property Address: " + address);  
    console.log("Price: $" + price);  
    console.log("Bedroom: " + bedrooms);  
}
```

Excellent work! Your function is perfectly structured with correct syntax, proper parameter usage, and appropriate output format. The only minor issue

is the typo “Bedroom” instead of “Bedrooms”, but this is a very small detail that doesn’t affect functionality.

Minor Issue: You wrote “Bedroom” (singular) instead of “Bedrooms” (plural) in the last console.log statement.

Question 6: Debugging Functions (15/15 marks)

Your Answer: You correctly identified all 5 errors and provided accurate corrections: 1. Error: funtion, Correction: function 2. Error: birthYear currentYear, Correction: birthYear, currentYear 3. Error: birthYear currentYear {, Correction: birthYear, currentYear) { 4. Error: +“years old”);, Correction: + ” years old”); 5. Error: “You are” + currentYear - birthYear +“years old”);, Correction: “You are” + (currentYear - birthYear) + ” years old”);

Outstanding! You’ve identified all 5 errors correctly and provided accurate corrections. Your debugging skills are excellent.

Question 7: Function Behaviour (7/10 marks)

Your Answers: - a) the function will be executed one time - b) Correct output

Feedback: The function is called twice, so it executes twice (once per call). However, your output is correct.

Correct Answer: The function will be executed 2 times.

Question 8: Static vs Dynamic Output (10/10 marks)

Your Answers: - a) Static: “Workout Plan #”, “Created on:”, “Exercises:”, “Duration:” - b) Dynamic: planId, currentDate, exercises, duration

Perfect! You’ve correctly identified the static text elements and dynamic variables.

Summary

Strengths: - Excellent understanding of boolean operators - Perfect grasp of block scope - Strong function terminology knowledge - Correct function call syntax - Outstanding debugging skills - Perfect understanding of static vs dynamic content - Good function writing ability with proper string concatenation

Areas for Improvement: - Watch for typos in variable names (firstName vs fistNmae) - Review function execution counting (calls vs internal executions) - Remember to provide function calls when requested

Resources for Further Study: - MDN: Functions - W3Schools: JavaScript Functions

Excellent work overall! Your understanding of JavaScript functions is very strong, and your debugging skills are outstanding. Just pay attention to small details and you'll be excellent!