1. Object Property Access

- **Question:** Create an object named car with properties make, model, and year. How would you access and print the model of the car?

2. Array Iteration

- **Question:** Given an array of numbers, write a for loop that prints each number in the array.

3. Array Sum Function

- **Question:** Write a function that takes an array of numbers as an argument and returns the sum of all elements in the array.

4. Date Manipulation

- **Question:** How would you create a new Date object in JavaScript and extract the current year from it?

5. If-Else Statement

- **Question:** Write a function that takes a number as an argument and returns "Positive" if the number is greater than 0, "Negative" if the number is less than 0, and "Zero" if the number is 0.

6. While Loop

- **Question:** Write a while loop that prints numbers from 1 to 5.

7. Math Operations

- **Question:** Write a function that calculates the square root of a number using JavaScript's Math object.

8. Array Filtering

- **Question:** Write a function that takes an array of numbers and returns a new array containing only the even numbers.

9. Function with Default Parameters

- **Question:** Create a function that multiplies two numbers. If the second number is not provided, it should default to 10.

10. Object Methods

- **Question:** Create an object calculator with methods add, subtract, multiply, and divide. Each method should take two numbers as arguments and return the result of the corresponding operation.

11. Nested If-Else

- **Question:** Write a function that checks a student's grade and returns "A" for marks above 90, "B" for marks between 80 and 90, "C" for marks between 70 and 80, and "F" for marks below 70.

12. Array Length

- **Question:** How do you find the length of an array in JavaScript?

13. For Loop with Break

- **Question:** Write a for loop that iterates through an array of numbers and breaks the loop when it encounters the number 5.

14. Date Comparison

- **Question:** Write a function that takes two dates as arguments and returns true if the first date is earlier than the second date.

15. Switch Statement

- **Question:** Write a switch statement that takes a day of the week (1 for Monday, 2 for Tuesday, etc.) and returns the name of the day.