JavaScript Practice Exercises

Functions

1. Write a function `add(a, b)` that returns the sum of two numbers.

2. Write a function `toFahrenheit(c)` to convert Celsius to Fahrenheit.

3. Write a function `max(arr)` to find the largest number in an array.

4. Write `isPalindrome(str)` to check if a string is a palindrome.

Arrays

5. Remove duplicates from an array.

6. Count occurrences of strings in an array.

7. Flatten a nested array by one level.

Loops

8. FizzBuzz from 1 to 100.

9. Reverse an array without using `reverse()`.

10. Count vowels in a string.

Objects

11. Convert two arrays into an object.

12. Filter an object to keep values > 2.

13. Merge two objects manually.

Iterators

14. Use `.map()` to square numbers.

15. Use `.filter()` to keep even numbers.

16. Use `.reduce()` to sum numbers.

17. Create a custom iterator yielding numbers 1–5.

18. Loop through a string with `for...of`.