Array Loops questions:

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1. Use `map()` to double each number in the array: `[1, 2, 3, 4, 5]`.
2. Use `map()` to convert an array of strings to uppercase: `["apple", "banana", "cherry"]`.
3. Use `map()` to extract the names from an array of objects: `[{name: "Alice"}, {name: "Bob"}, {name: "Charlie"}]`.
4. Use `map()` to return the length of each word in the array: `["dog", "elephant", "tiger"]`.
5. Use `map()` to add a suffix `-done` to each task in an array: `["task1", "task2", "task3"]`.
6. Use `map()` to square each number in an array: `[2, 4, 6, 8]`.
7. Use `map()` to convert an array of prices to strings with a `$` sign.
8. Use `map()` to format an array of dates into readable strings.
9. Use `map()` to create an array of booleans indicating if each number is even.
10. Use `map()` to append the index to each string in an array.
11. Use `filter()` to keep only the even numbers: `[1, 2, 3, 4, 5, 6]`.
12. Use `filter()` to remove all negative numbers from an array: `[-3, 4, -1, 7, -5]`.
13. Use `filter()` to get names longer than 4 characters: `["Joe", "Elizabeth", "Tom", "Anna"]`.
14. Use `filter()` to find all users who are active: `[{name: "Alice", active: true}, {name: "Bob", active: false}]`.

15. Use `filter()` to get all words starting with the letter "a".

16. Use `filter()` to keep only numbers greater than 10.

17. Use `filter()` to remove all falsy values from an array.

18. Use `filter()` to get strings that include the word "code".

19. Use `filter()` to exclude null or undefined values.

20. Use `filter()` to return products with price less than 100:
    `[{name: "Phone", price: 99}, {name: "Tablet", price: 120}]`.

21. Use `reduce()` to sum all numbers in an array: `[1, 2, 3, 4]`.

22. Use `reduce()` to find the maximum number in an array.

23. Use `reduce()` to count how many times each element appears:
    `["apple", "banana", "apple", "orange", "banana"]`.