📝 JavaScript Loops Assignments

1. Create an array of fruits like ["apple", "banana", "cherry"] and use a loop to log each fruit in the console.

2. Given an array of colors ["red", "green", "blue"], use a loop to add all the color names to a paragraph with the ID output using document.querySelector.

3. Use a for loop to print numbers from 1 to 10 in the browser console.

4. Use a while loop to print numbers from 5 to 1 in the console.

5. Given an array of names ["Ali", "Sara", "Ahmed"], use a loop to change the text of a div with ID names to show all names separated by commas.

6. Change the text of a paragraph with ID status to "Loading..." using document.querySelector.

7. Use a loop to calculate the sum of numbers in an array [5, 10, 15] and display the total in a paragraph with ID sum.

8. Loop through an array of cities ["Karachi", "Lahore", "Quetta"] and display them as a single string in a div with ID cities.

9. Write a loop that counts from 1 to 20 and logs only the even numbers in the console.

10. Create an array of numbers [45, 22, 89, 100], and use a loop to find and display the largest number in a paragraph with ID max.

11. Use document.querySelector to select a div with ID result and change its text to "Task Complete".

12. Given an array of temperatures [30, 35, 32, 40], use a loop to calculate the average and display it inside an element with ID averageTemp.

13. Create a loop that adds all the numbers from 1 to 100 and shows the total inside a paragraph with ID totalSum.

14. Use a loop to print all values of the array ["dog", "cat", "bird"] into a single paragraph with ID animals.

15. Use document.querySelector to select a heading with ID title and change its text to "Welcome to JavaScript!".

16. Create a loop that prints all numbers between 1 and 50 that are divisible by 5, and log them to the console.

17. Given an array of scores [80, 60, 90, 70], calculate how many scores are above 75 and display the count in a div with ID highScores.

18. Select an element with ID message and change its text to "Updated successfully" using document.querySelector.

19. Create an array of subjects like ["Math", "Science", "English"], and use a loop to show them in a paragraph with ID subjectsList.

20. Write a loop that prints numbers from 10 down to 1 and shows the result inside a Given an array of numbers [5, 10, 15, 20], use a loop to calculate and print the sum of all elements.

21. Create a loop that finds the largest number in an array [45, 67, 12, 89, 34].

22. Use a loop to count how many numbers in an array [3, 8, 6, 1, 9, 2] are even.

23. Write a loop that calculates the average of numbers in an array [20, 30, 40, 50].

24. Given an array [2, 4, 6, 8, 10], use a loop to create a new array where each value is multiplied by 3.

25. Loop through an array [1, 3, 5, 7, 9] and count how many elements are greater than 4.

26. Given an array [10, 15, 20, 25, 30], use a loop to add only the numbers divisible by 5.

27. Write a loop that checks if a number 25 exists in the array [10, 20, 30, 40, 25].

28. Given two arrays [1, 2, 3] and [4, 5, 6], use a loop to create a third array containing the sum of corresponding elements.

29. Use a loop to find the second-largest number in an array [10, 99, 23, 87, 56].

30. Given an array [1, 2, 3, 4, 5], reverse the array manually using a loop (don't use .reverse()).

31. Write a loop that finds and prints all the prime numbers between 1 and 50.

32. Create a loop that finds the difference between the largest and smallest numbers in an array [11, 4, 99, 2, 47].

33. Given an array [0, -1, -5, 6, 8, -3], count how many negative numbers are in the array.

34. Loop through an array of numbers and create a new array that only contains odd numbers.

35. Use a loop to remove all zeroes from an array [0, 1, 0, 3, 0, 5] and store the non-zero elements in a new array.

36. Given an array [1, 2, 3, 4, 5, 6], use a loop to swap the first and last elements.

37. Write a loop that checks whether all numbers in an array [2, 4, 6, 8] are even.

38. Create a loop that counts how many numbers in [5, 10, 15, 20, 25] are greater than or equal to the average of the array.

39. Given an array [2, 2, 2, 2, 2], use a loop to check whether all elements are equal.