JavaScript Array Programming Questions (Primitive Values Only)

1. const arr = [1, 2, 3, 4, 5];
WAP to print all elements using forEach().

2. const nums = [10, 20, 30];
WAP to create a new array by adding 5 to each element using map().

3. const arr = [5, 12, 18, 25, 40];
WAP to filter numbers greater than 20.

4. const values = [2, 4, 6, 8];
WAP to find the sum of elements using reduce().

5. const data = [3, -1, 7, 0];
WAP to check if the array contains any negative number using some().

6. const arr = [5, 10, 15];
WAP to check whether all elements are greater than 0 using every().

7. const arr = [12, 19, 25, 40];
WAP to find the first element greater than 20 using find().

8. const arr = [7, 14, 21, 28];
WAP to find the index of the first element divisible by 7.

9. const colors = ["red", "blue", "green"];
WAP to check if "blue" exists using includes().

10. const a = [1, 2]; const b = [3, 4];
WAP to merge both arrays using spread operator.

11. const arr = [100, 200, 300];
WAP to extract the first two elements using destructuring.

12. const nums = [9, 8, 7];
WAP to create a copy of the array using spread operator.

13. const arr = [1, 2, 2, 3, 4, 4];
WAP to remove duplicate elements.

14. const arr = [45, 12, 78, 34];
WAP to sort the array in ascending order.

15. const arr = [1, 2, 3, 4];
WAP to reverse the array without modifying the original.

16. const arr = [10, 15, 20, 25];
WAP to count even numbers using reduce().

17. const fruits = ["apple", "banana", "mango"];
WAP to convert all elements to uppercase.

18. const words = ["cat", "elephant", "dog"];
WAP to filter words with length greater than 3.

19. const arr = [12, 45, 7, 89];

WAP to find the maximum value using reduce().

20. const arr = [10, 20, 30, 40];
WAP to remove element 30 using splice().

21. const arr = [1, [2, 3], [4, 5]];
WAP to flatten the array.

22. const arr = [5, 10, 15, 20];
WAP to calculate the average using reduce().

23. const arr = [3, 6, 9, 12];
WAP to check whether the array is sorted.

24. const arr = [1, 2, 3, 4, 5];
WAP to rotate the array to the right by one position.

25. const arr = [4, 8, 12, 16];
WAP to create a new array containing half of each element.

26. const arr = [1, 0, false, 5, "", 10];
WAP to remove falsy values.

27. const arr = ["a", "b", "c"];
WAP to join all elements into a single string.

28. const arr = [10, 20, 30];
WAP to insert 25 at index 2 using splice().

29. const arr = [2, 4, 6, 8];
WAP to check whether all elements are even.

30. const arr = [1, 3, 5, 8];
WAP to check if the array contains any even number.

31. const arr = [1, 2, 3, 4, 5];
WAP to create a new array of squares.

32. const arr = ["ram", "shyam", "hari"];
WAP to capitalize the first letter of each string.

33. const arr = [5, 15, 25, 35];
WAP to filter numbers between 10 and 30.

34. const arr = [10, 20, 20, 30, 30];
WAP to remove duplicate values.

35. const arr = [1, 2, 3, 4];
WAP to find the product of all elements using reduce().