🚀 Logic And Thinking Building Questions.

1. Print first 10 cubes of odd numbers only.
2. Count how many primes are there between 50 and 100.
3. Find factorial of 7 without using built-in functions
4. Check if 12321 is palindrome.
5. Find sum of digits of 9876.
6. Print first 15 Fibonacci numbers.
7. Find the max and min of [8, 19, 2, 45, 3, 67].
8. Find the second largest in [10, 10, 5, 8, 20, 20] (careful with duplicates!).
9. Count frequency of numbers in [4, 4, 5, 6, 5, 4, 7].
10. Check if [2, 4, 6, 8, 10] is sorted.
11. Reverse [1, 3, 5, 7, 9, 11] without using extra space.
12. Count vowels and consonants in "datastructures".
13. Check if "racecar" is a palindrome.
14. Reverse "Pranav" without using built-in reverse.
15. Remove duplicates from "mississippi".
16. Find the most frequent character in "leetcode".
17. Print first N natural numbers, squares, or cubes.
18. Check if a number is prime.
19. Print all prime numbers in a range.
20. Find factorial of a number.
21. Count digits of a number without converting to string.
22. Reverse a number (e.g., 1234 → 4321).
23. Check if a number is palindrome.
24. Sum of digits of a number.
25. Find GCD and LCM of two numbers.
26. Fibonacci sequence (iterative and recursive).
27. Find maximum and minimum in an array.
28. Find second largest element in an array.
29. Count frequency of elements in an array.
30. Check if an array is sorted.
31. Reverse an array without using extra space.
32. Count vowels/consonants in a string.
33. Check if a string is a palindrome.
34. Reverse a string without using built-in functions.
35. Remove duplicates from a string.
36. Find the most frequent character in a string.