









1. Factorial of a Number: Calculate the factorial of a non-negative integer. 
2. Fibonacci Sequence: Generate the nth Fibonacci number. 
3. Sum of Array Elements: Find the sum of all elements in an array. 
4. Maximum Element in Array: Find the maximum element in an array.
5. Reverse a String: Reverse a given string using recursion. 
6. Check if String is Palindrome: Determine if a string is a palindrome. 
7. Linear Search: Implement a linear search function to find an element in an array. 
8. Count Vowels: Write a function to count the number of vowels (a, e, i, o, u) in a string. 
9. Print N Natural Numbers: Write a function to print the first N natural numbers in reverse order (from N to 1). 
10. Check if Array is Sorted: Implement a function to check if an array is sorted in ascending order. 