

# List of 20 Recursion Programs in Python

1. Factorial of a number
2. Sum of first n natural numbers
3. Fibonacci number (nth term)
4. Sum of first n odd numbers
5. Sum of digits of a number
6. Reverse digits of a number
7. Check if number is palindrome
8. GCD (Greatest Common Divisor)
9. LCM (Least Common Multiple)
10. Power of a number ( $a^b$ )
11. Reverse a string
12. Check if string is palindrome
13. Count vowels in a string
14. Sum of elements in a list
15. Maximum in a list
16. Count even numbers in a list
17. Check if list is sorted
18. Print odd numbers from 1 to n
19. Print numbers from n to 1
20. Print first n even numbers