1. **Write a C program to find cube of any number using function.**
2. **Write a C program to find diameter, circumference and area of circle using functions.**
3. Write a C program to find maximum and minimum between two numbers using functions.
4. Write a C program to check whether a number is even or odd using functions.
5. Write a C program to check whether a number is prime, Armstrong or perfect number using functions.
6. **Write a C program to find all prime numbers between given interval using functions.**
7. Write a C program to print all strong numbers between given interval using functions.
8. Write a C program to print all Armstrong numbers between given interval using functions.
9. Write a C program to print all perfect numbers between given interval using functions.
10. **Write a C program to find power of any number using recursive function.**
11. Write a C program to print all natural numbers between 1 to n using **recursive function.**
12. Write a C program to print all even or odd numbers in given range using **recursive function.**
13. Write a C program to find sum of all natural numbers between 1 to n using **recursive function.**
14. Write a C program to find sum of all even or odd numbers in given range using **recursive function.**
15. Write a C program to find reverse of any number using **recursive function.**
16. Write a C program to check whether a number is palindrome or not using recursion.
17. Write a C program to find sum of digits of a given number using recursion.
18. **Write a C program to find factorial of any number using recursion.**
19. Write a C program to generate nth Fibonacci term using recursion.
20. Write a C program to find GCD (HCF) of two numbers using recursion.
21. Write a C program to find LCM of two numbers using recursion.
22. Write a C program to find values of trigonometric functions (sine, cosine, tangent, cotangent, secant and cosecant) using user defined library functions (Create header file, definition file and object file then call the function in some program file).