Assignment 1: Solve the following programs using functions

1. C program to print all-natural numbers from 1 to n and their sum.

2. C program to print all even numbers from 1 to n and also display their sum.

3. C program to print the sum of all odd numbers in given range

4. C program to print multiplication table of a number

5. C program to count number of digits in an integer number and display their sum.

6. C program to check whether a number is palindrome or not

7. C program to count frequency of digits in a given number

8. C program to find power of any number

9. C program to print all factors of a number

10. C program to calculate factorial of a number

11. C program to find HCF & LCM of two numbers

12. C program to whether a number is prime number or not

13. C program to find sum of prime numbers in given range and also display their sum.

14. C program to find all prime factors of a given number

15. C program to check Armstrong number

16. C program to generate Armstrong numbers in a given range

17. C program to check whether a number is Perfect number or not

18. C program to print all Perfect numbers between 1 to n and also display their sum.

19. C program to check whether a number is Strong Number or not

20. C program to print Strong numbers in given range and also display their sum.

21. C program to print Fibonacci series up to n terms

22. C program to convert binary number system to decimal number system

23. C program to convert from Decimal to Binary number system