List of function and recursion programming exercises

1. Write a python program to find cube of any number using function.
2. Write a python program to find diameter, circumference and area of circle using functions.
3. Write a python program to find maximum and minimum between two numbers using functions.
4. Write a python program to check whether a number is even or odd using functions.
5. Write a python program to check whether a number is prime, Armstrong or perfect number using-functions
6. Write a python program to find all prime numbers between given interval using functions.
7. Write a python program to print all strong numbers between given interval using functions.
8. Write a python program to print all Armstrong numbers between given interval using functions.
9. Write a python program to print all perfect numbers between given interval using functions.
10. Write a python program to find power of any number using recursion.
11. Write a python program to print all natural numbers between 1 to n using recursion.
12. Write a python program to print all even or odd numbers in given range using recursion.
13. Write a python program to find sum of all natural numbers between 1 to n using recursion.

14. Write a python program to find sum of all even or odd numbers in given range using recursion.

15. Write a python program to find reverse of any number using recursion.

16. Write a python program to check whether a number is palindrome or not using recursion.

17. Write a python program to find sum of digits of a given number using recursion.

18. Write a python program to find factorial of any number using recursion.

19. Write a python program to generate nth Fibonacci term using recursion.

20. Write a python program to find GCD (HCF) of two numbers using recursion.

21. Write a python to find LCM of two numbers using recursion.

22. Write a python program to display all array elements using recursion.

23. Write a python program to find sum of elements of array using recursion.

24. Write a python program to find maximum and minimum elements in array using recursion.