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### Assignment 4 (Function)

#### Objective:

- to understand the control flow of a function
- to build comprehensive idea of function by hands on learning

#### Program List:

1. Write a program in Python to find the square of any number using the function.
2. Write a program in Python to check if a given number is even or odd using the function.
3. Write a program in Python to calculate sum of Fibonacci series.
4. Write a program in Python to calculate H.C.F using while loop.
5. Write a program Python to calculate l.c.m using while loop.
6. Write a program in Python to print sum of all +ve numbers and all -ve numbers.
7. Write a program in Python to check whether an inputted number is palindrome.
8. Write a program in Python to calculate combinatoric  $C(n,r)$  using function.
9. Write a program in Python to calculate Power(a,b) using function.
10. Write a program in Python to calculate factorial of a natural number.