LAB 6

Objective(s):
- To understand function programming, its types and function-call

1) Write a program to add, subtract, multiply and divide two integers using user defined type function with return type.

2) Write a program to calculate sum of first 50 natural numbers using recursive function.

3) Define a function named fact() to calculate factorial of a number n and then write a program that uses this function fact() to calculate combination and permutation.

4) Write a program to find the Fibonacci series up to given number using:
   a. recursive function   b. without recursion

5) Write a program that includes a function which returns 1 if the argument passed to it is a prime number and 0 otherwise.

6) Write a program that illustrates use of local, global and static variables