**Recursive function and Pointer**

1. **Write down a program that can take a number as input and then find out the factorial of n using recursive function.**
2. **Write down a program that can find the summation of natural numbers upto n using recursive function.**
3. **Write a program that will an integer whether it is prime or not using recursive function.**
4. **Display the Fibonacci series upto nth step using recursive function.**
5. **Write a program in C to show the basic declaration of pointer.**
6. **Write a program in C to demonstrate the use of &(address of) and \*(value at address) operator.**
7. **Write a program in C to add two numbers using pointers.**
8. **Write a program in C to find the maximum number between two numbers using a pointer.**
9. **Write down a program that can take n and r as input and then find out the value of ncr using function.**
10. **Write down a program that can take n and r as input and then find out the value of npr using function.**
11. **Write a program in C to add numbers using call by reference.**
12. **Write down a program that will swap two numbers using call by reference method.**