**LAB 6**

1. Write a C program that calculates the combination C(n,r) where n and r is inputs.
2. Solve problem 2 by using functions.
3. Define a function that finds the maximum value of 3 integer numbers.
4. Define a function that computes where a and n are positive numbers. Do not use pow function.
5. Write a function that prints Fibonacci sequence of a positive integer N.

Output: N = 6

0 --> 0

1 --> 1

2 --> 1

3 --> 2

4 --> 3

5 --> 5

6 --> 8

1. Sort the elements of an array of size 10.
2. Solve problem 6 by using functions.
3. Write a C function that specifies if a matrix is symmetric or not. (use const specifier.)