1. Write a recursive function to print numbers from 1 to N.
2. Write a recursive function to find the maximum element in an array
3. Write a recursive function to calculate the sum of elements in an array.
4. Write a recursive function to print all combinations of balanced parentheses for n pairs.
5. Write a recursive function to find the nth triangular number, where  
   Formula: T(n) = n + T(n-1) with T(1) = 1.