Why recursion is a bad idea for fibonacci series:

Recursion is a method of solving complex problems in which the problems are broken into smaller ones. Using recursion for fibonacci series has a very high time complexity compared to other methods of computing fibonacci series like the iteration method.
In a fibonacci series, each number is generated by summing the previous 2 numbers hence only the previous 2 numbers are useful for the next value.
This paper shows the number of calls made by a C++ code from 1-30 iterations and by the 30th iteration, the program has made about 2.6x106 recursive calls.