Fibonacci

Your task is to write a Fibonacci sequence in a Recoursive way.
In mathematics, the **Fibonacci numbers**, commonly denoted F_n form a sequence, called the **Fibonacci Sequence**, such that each number is the sum of the two preceding ones, starting from 0 and 1.

That is:

$$F_0 = 0$$
$$F_1 = 1$$
$$F_n = F_{n-1} + F_{n-2}$$

Input
The first line of input contains an integer N ($1 < N \leq 30$), the length of the Fibonacci Sequence

Output
The output displays the Fibonacci Sequence

Sample input	**Sample output**
3	1 1 2
5	1 1 2 3 5
30	1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040