Name: _____

In-Class Activity 4

In regards to the Fibonacci sequence, F_n,

1) Find Fibonacci numbers, where n is from 0 to 20. (You can search online.)
2) Write the recurrence relation of the Fibonacci sequence and initial conditions for the recurrence relation.
3) Implement the function: `int fibonacci(int n);`
4) Simulate your function on a sheet of paper to examine if your implementation can find the Fibonacci numbers you found at 1).
5) Write how you would explain to a person over the phone about how your function works.