**Here we analyze the Call Stack states during execution of Fibonacci number calculation algorithms based on recursive and iterative approaches.**

1. Now we are up to call recursive realization:

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1. Here we have deepen into the recursive calls of *get\_fib\_recursion()* and ready to return. We can see that Call Stack is full of *get\_fib\_recursion()* calls with input parameters from 7 to 1:

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1. At this step we get out of recursion, have result and ready to call the iterative approach:

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1. Now we are ready to make the last iteration in the loop. The Call Stack Frame has only one call of *get\_fib\_iterative()* during all iterations:

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1. All iteration in loop are finished and the result is being returned.

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The End!

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