

# Recursion 2

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Java

# The Fibonacci Sequence

**1,1,2,3,5,8,13,21,34,55,89,144,233,377...**

$$1+1=2$$

$$1+2=3$$

$$2+3=5$$

$$3+5=8$$

$$5+8=13$$

$$8+13=21$$

$$13+21=34$$

$$21+34=55$$

$$34+55=89$$

$$55+89=144$$

$$89+144=233$$

$$144+233=377$$

## Lab: Recursion 2

1. **Print the Fibonacci Sequence Recursively**
2. Take in an integer parameter
3. Print n number of fibonacci numbers.

**Recursive program:**

Input: n = 5

Output:

Fibonacci series of 5 numbers is : 0 1 1 2 3