

**Exercise 360** Write a function that recursively (a function that calls itself is called recursive) calculates the Fibonacci numbers:

$$F_1 = 1, \quad F_2 = 1, \quad F_{n+2} = F_n + F_{n+1}$$

Try it out for small value of  $n$  (it will not work for large ones). (The resulting sequence is 1, 1, 2, 3, 5, 8, 13, 21, 34, 55,....)

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