

Python → Iterators and generators → Custom generators

Custom generators → Fibonacci sequence

Hard 12 minutes ?

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Fibonacci sequence is a sequence of numbers such that each element is a sum of the previous two, and the first two elements are equal to 0 and 1.

Define a generator that produces the Fibonacci sequence of the given length `n`.

You don't have to handle the input, just implement the generator function called `fibonacci`.

Report a typo

Sample Input 1:

5

Sample Output 1:

[0, 1, 1, 2, 3]

Write a program

Code Editor

IDE

```
1 def fibonacci(n):
2     a, b = 0, 1
3     for _ in range(n):
4         yield a
5         a, b = b, a + b
6
```

Python

✓ Correct.

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