Challenge 3: Yield Fibonacci Sequence From 1st to Nth Number

Practice an exercise on generators to return a sequence of fibonacci numbers.

WE'LL COVER THE FOLLOWING

Problem Statement

Create a generator to return the Fibonacci sequence starting from the first element up to `n`.

> The **Fibonacci Sequence** is the series of numbers in which the next term is found by adding the two previous terms:
>
> ```
> 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...
> ```
>
> Here , the number 0 is the first term, 1 is the second term, 1 is the third term and so on...

Input

A number `n`

Output

The range of fibonacci numbers from 0 to n

Sample Input

8

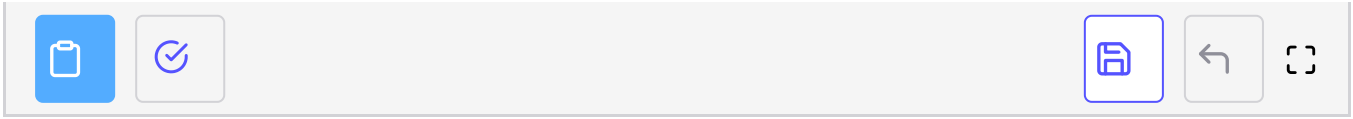
Sample Output

[0, 1, 1, 2, 3, 5, 8, 13]

Coding Exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

```
def fibonacci(n):
  # write your code here
  pass
```



The next lesson discusses the solution to this exercise.