Copilot

Sure! Here’s a Python solution to calculate the Fibonacci series up to a given number (N), including (N) if it is part of the series:

```
def fibonacci_series(N):
    # Initialize the first two Fibonacci numbers
    fib_series = [0, 1]

    # Generate the Fibonacci series until the next number exceeds N
    while True:
        next_fib = fib_series[-1] + fib_series[-2]
        if next_fib > N:
            break
        fib_series.append(next_fib)

    # Include N if it is part of the series
    if N not in fib_series:
        fib_series.append(N)

    return fib_series

# Example usage
N = 21
print(fibonacci_series(N))
```

This code initializes the Fibonacci series with the first two numbers (0 and 1) and then generates the series until the next number exceeds (N). If (N) is part of the series, it is included in the final list.

Feel free to test it with different values of (N)! If you have any questions or need further assistance, just let me know. 😊