Copilot

Sure! Here’s an example solution in Python to calculate the Fibonacci series up to a given number (N):

```python
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)

    # Check if N is part of the series and include it if necessary
    if N not in fib_series:
        fib_series.append(N)

    return fib_series

# Example usage
N = 21
print(f"Fibonacci series up to {N}: {fibonacci_series(N)}")
```

In this example, the function `fibonacci_series` generates the Fibonacci series up to the given number (N). If (N) is part of the series, it is included in the output. The example usage demonstrates how to call the function with (N = 21).

Feel free to ask if you have any questions or need further assistance!