Copilot

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

```
def fibonacci_series(N):
    fib_series = [0, 1]
    while True:
        next_fib = fib_series[-1] + fib_series[-2]
        if next_fib > N:
            break
        fib_series.append(next_fib)
    return fib_series

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

In this code:

1. We start with the initial two numbers of the Fibonacci series, 0 and 1.
2. We then use a `while` loop to generate the next Fibonacci number by summing the last two numbers in the series.
3. If the next Fibonacci number exceeds (N), we break out of the loop.
4. Otherwise, we append the next Fibonacci number to the series.
5. Finally, we return the Fibonacci series.

For (N = 21), the output will be:

```
Fibonacci series up to 21: [0, 1, 1, 2, 3, 5, 8, 13, 21]
```

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