Copilot

Sure! Here's an example solution in R to calculate the Fibonacci series up to a given positive integer (N):

```r
fibonacci_series <- function(N) {
  if (N <= 0) {
    return(NULL)
  }

  fib <- c(0, 1)

  while (TRUE) {
    next_fib <- tail(fib, 1) + tail(fib, 2)[1]
    if (next_fib > N) {
      break
    }
    fib <- c(fib, next_fib)
  }

  return(fib)
}

# Example usage
N <- 21
result <- fibonacci_series(N)
print(result)
```

In this example:

- The function `fibonacci_series` calculates the Fibonacci series up to the number (N).
- It starts with the initial two numbers of the series, 0 and 1.
- It then iteratively calculates the next Fibonacci number and appends it to the series until the next number exceeds (N).
- Finally, it returns the Fibonacci series including (N) if it is part of the series.

You can test this function with different values of (N) to see the results. Let me know if you have any questions or need further assistance!