Copilot

Sure! Here's a solution for calculating the Fibonacci series up to a given number (N) in 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)
```

This function `fibonacci_series` takes a positive integer (N) and calculates the Fibonacci series up to (N). If (N) is part of the series, it will be included in the result. The example usage demonstrates how to call the function and print the result for (N = 21).

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