

ChatGPT 88 GPTs erkunden Fibonacci Series in R Fibonacci Series in R Fibonacci Series in R Bedürfnisse in der Karriere Al in Education Research Paper Hectic Meeting with Youngsters Masterarbeitsthema Diskussion Ter Stay in Bari! StratDiag & Tech: Structuring

Committees Relevant in Ambition.

Update Dictionary and Vectors

SQL CRUD with Dictionary-Encodir

New Apollo Software Packages Dictionary Encoding in Databases

Neuer Chat

Please consider this programming problem:

Given a positive integer N. Calculate the Fibonacci series till the number N. If N is a part of the series, include N as well.

Provide an example solution for the problem in the R language.

Here is an example solution in R that calculates the Fibonacci series up to a given positive integer Nand includes N if it is part of the series:

```
# Function to generate Fibonacci series up to N
fibonacci_till_N <- function(N) {</pre>
   return(integer(0)) # Return empty for non-positive N
  fib_series <- c(0, 1)
   next_fib <- sum(tail(fib_series, 2)) # Calculate the next Fibonacci number</pre>
    if (next_fib > N) {
   fib_series <- c(fib_series, next_fib)
  # If N is included in the series, return the entire series
 if (N %in% fib_series) {
    return(fib_series)
  return(fib_series[fib_series < N])</pre>
result <- fibonacci_till_N(N)
print(result)
```

Explanation:

- The function `fibonacci_till_N(N)` generates the Fibonacci series until the next Fibonacci number exceeds N.
- If N is found in the generated series, the entire series including N is returned.
- If N is not in the series, only the numbers up to the largest Fibonacci number less than N are returned.

Example:

For N=21, the output of the function would be:

```
(7) Code kopieren
```

In this case, 21 is part of the Fibonacci series, so it is included in the output.

⊕ □ □ □ □ □ ♥ ▼ ∨

Team-Arbeitsbereich hinzufügen

(Sende eine Nachricht an ChatGPT

ChatGPT kann Fehler machen, Überprüfe wichtige Informationen,