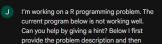




×



See the latest updates to the Gemini Apps Privacy Hub

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.

the current buggy program.

## Buggy Program:

```
fibonacci_index <- function(number) {
 if (number < 0) {
  stop("Keine gültige Fibonacci-Zahl")
 index <- 1
  fib <- 1
  while (fib <= number) {
  if (fib = number) {
    return(index)
   f1 <- fib
   f2 <- f1
   index <- index + 1
  stop("Keine gültige Fibonacci-Zahl")
number <- as.numeric(readline(prompt = "Bitte geben Sie eine Zahl ein: "))
tryCatch({
  index <- fibonacci_index(number)
 cat("Die Zahl ist Zahl", index, "der Fibonacci-Folge.\n")
}, error = function(e) {
  cat(e$message, "\n")
(1) Can you describe the bug(s) in this
program and the required fixes?
(2) Can you provide a concise single-sentence hint about one bug in this program?

The hint should not be too detailed as I want
to think about the fixes by myself.
```

## Show drafts 🗸 🌖

I'd be glad to help you with the R programming problem.

## 1. Bug Analysis and Fixes:

However, the hint should not be too abstract, as I need some help.

The primary bug in the fibonocci\_index function lies in the conditional statement if (fib = number). The single equal sign = is used for assignment, not comparison. To compare fib to number, you should use the double equal sign == .

Here's the corrected version of the function:

## 2. Concise Hint:

The hint is: "Check the conditional statement for equality."

```
凸切ः≒≪
```

**o** 

Gemini may display inaccurate info, including about people, so double-check its responses. Your privacy & Gemini Apps