

Currently I'm working on a R programming problem. The current program below contains some bugs. Can you help in fixing these bugs with as few changes as possible? Below I first provide the problem description and then the buggy program.

Given two positive integers A and B, find GCD of A and B.

Buggy Program:

```
find_gcd <- function(A, B) {
  while (B != 0) {
    temp <- B
    B <- A %% B
    A <- temp
  }

  A <- 56
  B <- 98
  gcd <- find_gcd(A, B)
  cat("GCD of", A, "and", B, "is:", gcd, "\n")
}
```

Can you fix the above buggy program? Modify only the code within the function; make sure that you make minimal possible changes needed to fix the program.

Vorschläge anzeigen ▾

The given program is almost correct, but it has one major bug: it doesn't return the GCD. To fix this, we need to return the value of A after the loop, which will contain the GCD.

Here's the corrected program:

Code-Snippet

```
find_gcd <- function(A, B) {
  while (B != 0) {
    temp <- B
    B <- A %% B
    A <- temp
  }
  return(A)
}
```

Verwende den Code [mit Vorsicht](#).



Now, when the function is called, it will return the calculated GCD, which can then be printed or used for further calculations.

Prompt hier eingeben



Gemini zeigt möglicherweise fehlerhafte Informationen an, z. B. zu Personen. Überprüfe daher die Antworten. [Datenschutz & Gemini-Apps](#)