

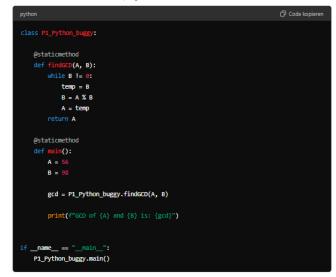
1 ChatGPT 88 GPTs erkunden Fixing GCD Calculation Fix Python GCD Function Bedürfnisse in der Karriere Al in Education Research Paper Hectic Meeting with Youngsters Masterarbeitsthema Diskussion Ter Stay in Bari! StratDiag & Tech: Structuring New Apollo Software Packages Dictionary Encoding in Databases Committees Relevant in Ambition. Update Dictionary and Vectors SQL CRUD with Dictionary-Encodir

Neuer Chat

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Currently I'm working on a Python 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:
class P1_Python_buggy:
  def findGCD(A, B):
    while B != 0:
      temp = B
      B = A % B
      A = temp
  def main():
    A = 56
    B = 98
    gcd = P1_Python_buggy.findGCD(A, B)
    print(f"GCD of {A} and {B} is: {gcd}")
if __name__ == "__main__":
  P1_Python_buggy.main()
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.
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© Certainly! The issue with the given program is that the `findGCD` function does not return the value of the GCD. Additionally, it is missing the "self" parameter, which is needed if the method is intended to be used as an instance method or class method. To fix this with minimal changes, I'll add a return statement to the `findGCD` function and modify it to be a static method (or class method).

Here's the corrected version of the program:



Explanation of Changes:

- 1. Return Statement: Added `return A` at the end of the `findGCD` function to return the
- 2. Static Method: Added the `@staticmethod` decorator to both `findGCD` and `main` methods. This is because they don't need access to instance or class attributes.

These minimal changes will fix the program and produce the correct output.

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Besser CSchlechter Gleich
War diese Reaktion besser oder schlechter?
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Sende eine Nachricht an ChatGPT

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