

Copilot

Sure, I'd be happy to help!

(1) Bug Description and Required Fixes:

1. **Assignment vs. Comparison:** In the line `if (fib = number)`, the single `=` is used for assignment instead of `==` for comparison.
2. **Fibonacci Calculation:** The Fibonacci calculation logic is incorrect. The values of `f1` and `f2` need to be updated correctly to generate the next Fibonacci number.
3. **Initial Values:** The initial values of `f1` and `f2` should be set to `0` and `1` respectively to start the Fibonacci sequence correctly.

(2) Hint:

Check the line where you compare `fib` with `number` to ensure you are using the correct comparison operator.

Feel free to ask if you need more hints or further assistance! 😊