Copilot

Sure, I'd be happy to help!

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. This should be `if (fib == number)`.
2. **Fibonacci Calculation**: The Fibonacci calculation logic is incorrect. The values of `f1` and `f2` should 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.

Hint

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