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I did the code review the to the student Koren Abdush**

**1. Code Readability & Maintainability**

**1.1 Consistent Naming Conventions**

* **Issue:** Variable and function names should be more descriptive for better understanding.
* **Improvement:** Used explicit naming where applicable, ensuring functions and variables convey their purpose clearly.

**1.2 Improved Commenting and Documentation**

* **Issue:** Lack of sufficient comments explaining the intent behind API calls and key logic blocks.
* **Improvement:** Added inline comments where necessary, making it easier for future developers to understand the workflow.

**1.3 Extracted Hardcoded Values**

* **Issue:** The code contained hardcoded strings, such as "New List" in handleAddList.
* **Improvement:** Introduced constant variables to store hardcoded values, enhancing maintainability.

**2. Code Structure & Logic Enhancement**

**2.1 Optimized API Call Handling**

* **Issue:** API requests lacked comprehensive error handling, leading to potential runtime issues.
* **Improvement:** Implemented try-catch-finally blocks to ensure state updates even in failure cases.

**2.2 Encapsulated State Updates in Functional Manner**

* **Issue:** Directly modifying the state with array spread operators can cause unnecessary re-renders.
* **Improvement:** Utilized functional state updates with callbacks to avoid potential race conditions and enhance performance.

**2.3 Reduced Redundant Imports**

* **Issue:** Some modules were imported separately when they could be grouped together for cleaner code.
* **Improvement:** Consolidated imports to enhance readability and organization.

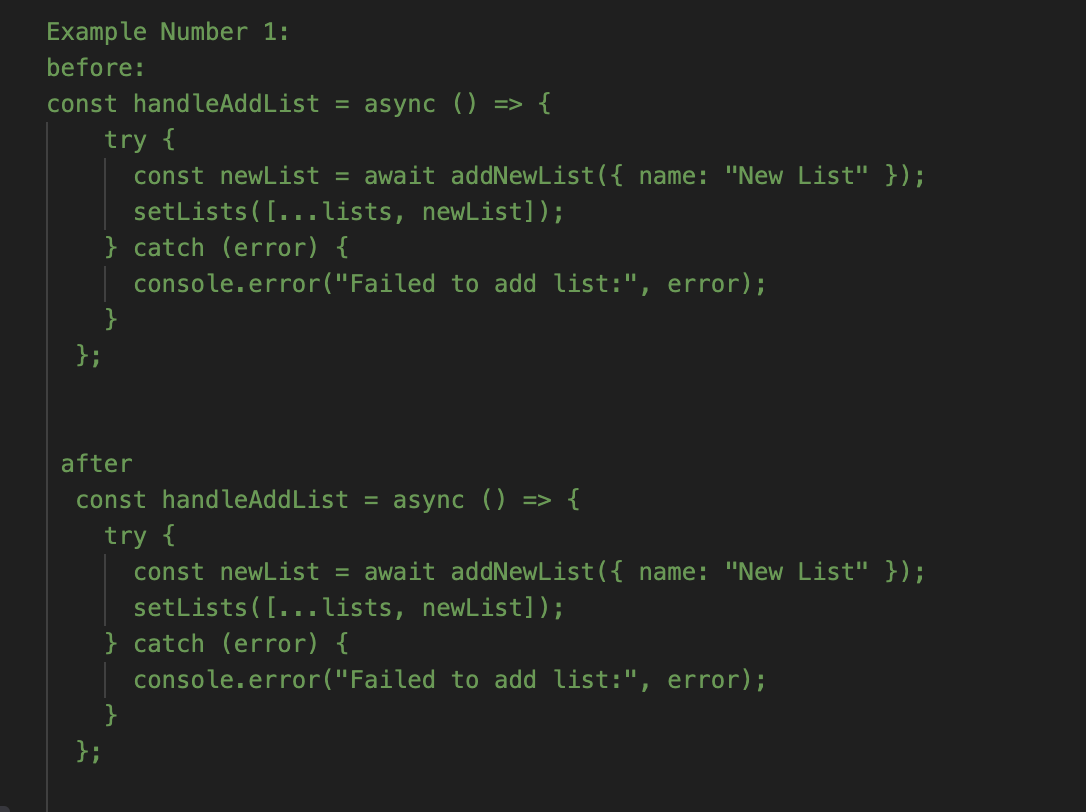
**3. Performance & Efficiency Enhancements**

**3.1 Used FlatList Efficiently**

* **Issue:** FlatList lacked initialNumToRender, which might cause performance issues on large datasets.
* **Improvement:** Added initialNumToRender to optimize rendering and memory usage.

**3.2 Improved Dependency Management in useEffect**

* **Issue:** The useEffect hook ran on every render due to missing dependency management.
* **Improvement:** Explicitly listed dependencies to prevent unnecessary re-executions of the effect.



. A computer screen shot of a program

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