**Code Refactoring and Bug Fixing- Report**

1. **Incorrect Form Submission Method:**

* **Issue**: The form in the HTML file is using the default submission method, which is GET. However, in the Flask route, it's expecting a POST request.
* **Approach to Resolve:** Change the form submission method to POST to match the Flask route.

1. **Incorrect Retrieval of Form Data:**

* **Issue:** In the Flask route, the code tries to access the form data using **request.args.get(),** which is incorrect for POST requests**.**
* **Approach to Resolve:** Use **request.form.get()** instead to retrieve form data for POST requests.

1. **Improper Form Submission Handling:**

* **Issue:** The route is not handling the initial rendering of the form properly. It only handles POST requests but not GET requests.
* **Approach to Resolve:** Modify the route to handle both GET and POST requests. Handle GET requests by rendering the template with an empty list of notes.

1. **Incorrect Form Action:**

* **Issue:** The form action is empty, which might lead to unexpected behavior or errors.
* **Approach to Resolve:** Set the form action to the route where the form should be submitted, which is '/'.

1. **Formatting the Note App:**

* **Issue:** The HTML layout appears very basic and lacks interactivity.
* **Approach to Resolve:** We will implement CSS styling to enhance the appearance and interactivity of the Note app.

1. **Final output:**

