Bugs Fixes(app.py)

Bug 1: Home route does not contain GET requests

Problem:

@app.route('/', methods=["POST"])

This caused an error when opening the page directly in the browser.

Fix:
Added both GET and POST methods:

@app.route('/', methods=["GET", "POST"])

Bug 2: Incorrect method used to fetch form data

Problem:

request.args.get("note")

request.args works only for GET requests.

Fix:
Used request.form for POST requests:

request.form.get("note")

Bug 3: HTML form missing method attribute

Problem:

<form action="">

Default method is GET, but backend expected POST.

Fix:

<form method="POST">

Bug 4: Notes added even when input was empty

Problem:
Empty values were appended to the list.

Fix:

Added validation:

if note:

   notes.append(note)

Bug 5: Notes not displayed on initial page

Problem:

Page rendering happened only after POST.

Fix:

Rendered template for both GET and POST:

return render_template("home.html", notes=notes)

Bugs(HTML)

Bug 1: Form method not specified

Original code

<form action="">

Issue

Default method is GET

Backend expects POST

Form data was not reaching Flask correctly

Fix

<form method="POST">

Bug 2: Button type not defined

Original

<button>Add Note</button>

Issue

Browser behavior can be inconsistent

Best practice is to explicitly define submit type

Fix

```html
<button type="submit">Add Note</button>
```

Bug 3: No validation for empty input

Original

```html
<input type="text" name="note" placeholder="Enter a note">
```

Issue

Allowed empty notes to be submitted

Fix

```html
<input type="text" name="note" placeholder="Enter a note" required>
```

Bug 4: Poor page title

Original

```html
<title>Document</title>
```

Fix

```html
<title>Note Taking App</title
```