Documentation of changes done in Notes taking app project

The project given to me contained a python app file and a template home.html.

First, I ran the code without making any changes to the code provided to me and encountered error as method not found. So, I understood that the method is not properly given in app.py.

- So I included the Post method in the route and then changed request.args to reguest.form as we are passing post method to the function.
- Then I have written codes for post method and get method to work using if statement.
- Also, I have changed the list to set as we don't need to add those notes which is already added.

Code(app.py) before debugging:

```python
from flask import Flask, render_template, request

app = Flask(__name__)

notes = []
@app.route('/', methods=["POST"])
def index():
    note = request.args.get("note")
    notes.append(note)
    return render_template("home.html", notes=notes)


if __name__ == '__main__':
    app.run(debug=True)
```

Code(app.py) after debugging:

```python
from flask import Flask, render_template, request, redirect, url_for

app = Flask(__name__)

notes = []

@app.route("/", methods=["GET", "POST"])
def index():
    if request.method == "POST":
        note = request.form["note"]
        notes.append(note)
        return redirect(url_for("index"))
    else:
        set_notes=set(notes)
        return render_template("home.html", notes=set_notes)

@app.route("/clear", methods=["POST"])
def clear():
    notes.clear()
    return redirect(url_for("index"))

if __name__ == "__main__":
    app.run(debug=True)
```

Changes in home.html:

- I have added the route and method as post in form action which was blank previously.
- Also I have added a new form to include a clear button in order the clear the notes when pressed.

Code(home.html) after debugging:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="/" method='post'>
        <input type="text" name="note" placeholder="Enter a note">
        <button>Add Note</button>
    </form>

    <ul>
    {% for note in notes%}
        <li>{{ note }}</li>
    {% endfor %}
    </ul>

    <form action="/clear" method="post">
        <button class="clear-button">Clear History</button>
    </form>
</body>
</html>
```

SAMPLE OUTPUT

Enter a note | Add Note

-
- nuha
- naiz
- MASNA
- .

Clear History