

Note Taking App

Below are the Bugs found in the Application provided :

App.py :

1.

```
from flask import Flask, render_template, request

app = Flask(__name__)

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

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

Method should accept get request as well

2.

```
from flask import Flask, render_template, request

app = Flask(__name__)

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

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

Putting the notes append logic into an if condition so that it executes only when the method is "POST".

Home.html :

1.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <form action="" method="POST">
11     <input type="text" name="note" placeholder="Enter a note">
12     <button type="submit">Add Note</button>
13   </form>
14   {% if notes %}
15   <h2>Notes :</h2>
16   <ul>
17     {% for note in notes%}
18     <li>{{ note }}</li>
19     {% endfor %}
20   {% endif %}
21   </ul>
22 </body>
23 </html>
```

The form tag should contain "POST" method so that it send post request properly

2.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <form action="" method="POST">
11     <input type="text" name="note" placeholder="Enter a note">
12     <button type="submit">Add Note</button>
13   </form>
14   {% if notes %}
15   <h2>Notes :</h2>
16   <ul>
17     {% for note in notes%}
18     <li>{{ note }}</li>
19     {% endfor %}
20   {% endif %}
21   </ul>
22 </body>
23 </html>
```

Added the printing Login inside an if tag so that when notes is empty it doesn't print None on the webpage.