Bug Report in Note-Taking App

1. Bug 1

@app.route('/', methods=["POST"]):- The Requirement here is to create a route that listens to both request "GET" and "POST" but only the Post method is defined so we have to create a route which listens to both request "GET" and "POST" @app.route('/', methods=["GET","POST"])

BUG

```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)
```

Solution

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

app = Flask(__name__)

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

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

2. Bug 2

request.args.get("note"):- Here The route is POST method and we are trying to get information using args which is incorrect while using Post Request so we have to pass request.form.get("note") to get info while using post method

BUG

```python
def index():
    note = request.args.get("note")
    notes.append(note)
    return render_template("home.html", notes=notes)
```

Solution

```python
def index():
    note = request.form.get("note")
    notes.append(note)
    return render_template("home.html", notes=notes)
```

3. Bug 3

In the HTML page in the form section form method is not define so we have to define there <form method="post">

BUG

```html
<form action="">

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

    <button>Add Note</button>

</form>
```

SOLUTION

```html
<form method="post">

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

    <button>Add Note</button>

</form>
```