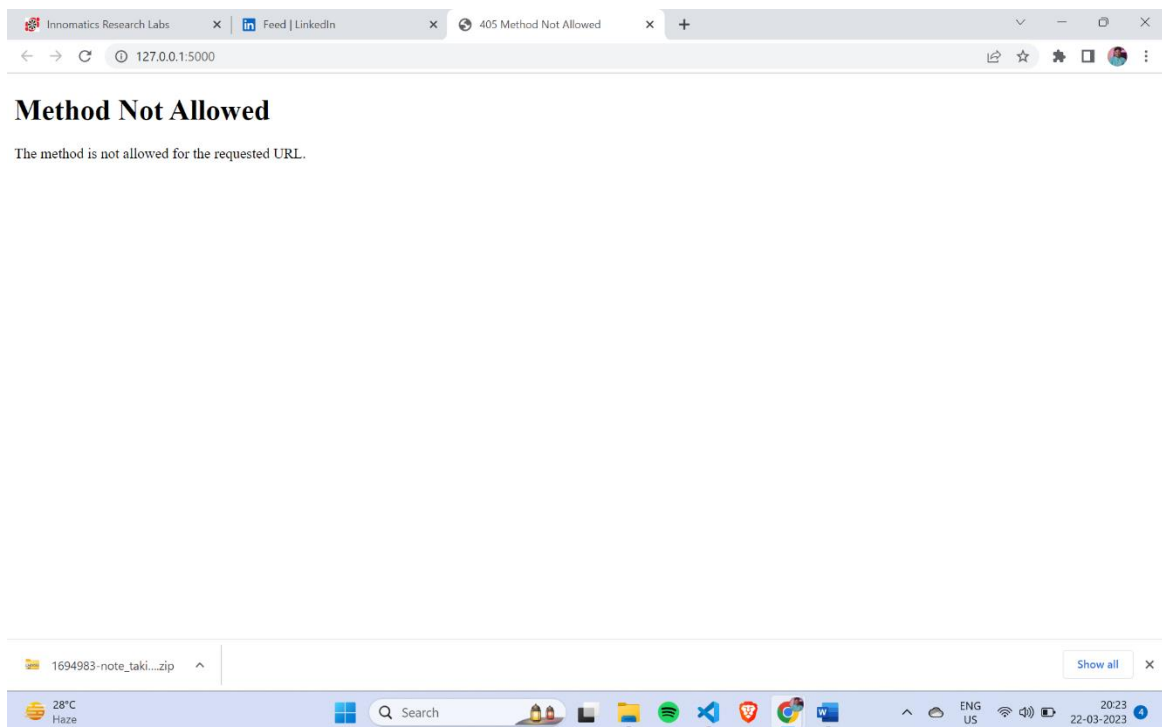


Note taking application Debug Report (Flask)

Task- A note taking web application with only one route (i.e. Home Route). This application is broken. Refactor the code and try to make sure the application works properly.

Initially when app.py file is executed then it is showing,

ERROR 405- Method Not Allowed

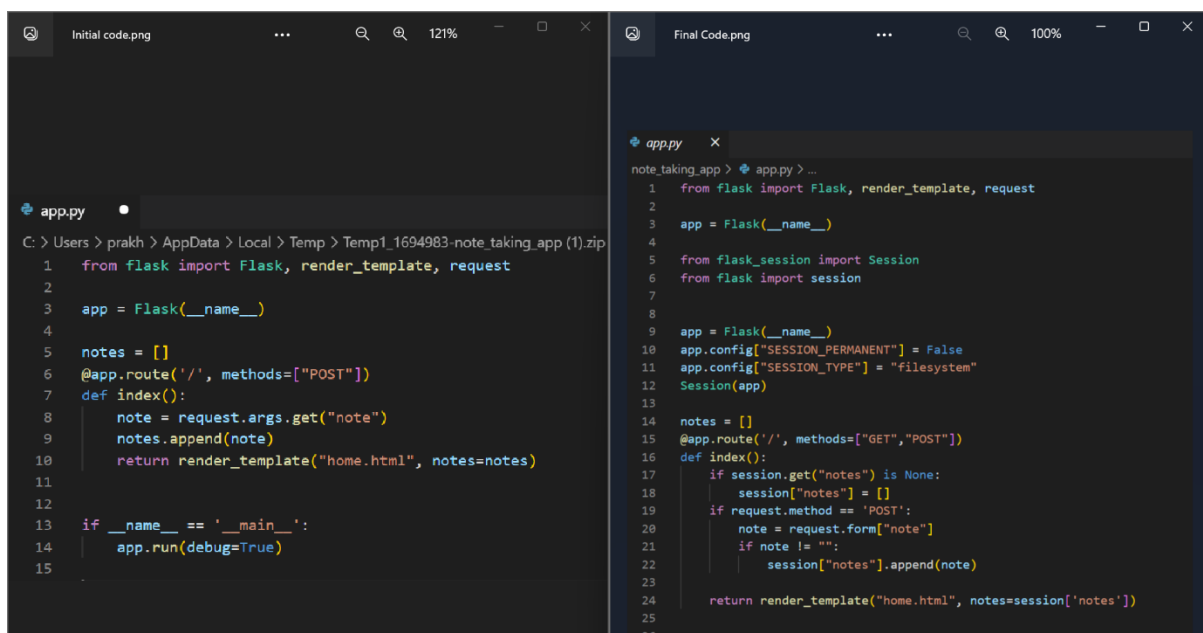


1. As we know that Flask default http method is GET method and in the code in Home route ie.
`@app.route('/', methods=["POST"])`, POST method is given and in index functionality POST method is not mentioned so in order to resolve this issue we have to change it into POST method.

Also change `requests.args.get()` to `request.form[]`

2. In home.html file we have to mention the POST method.
3. When more than 1 user uses the app it is showing all the notes of the previous user so it is not suitable for multiple users or for a TEAM to save their notes.. So in order to resolve this issue we have to use any SQL database but instead of it we are using Flask Session.

All the code Screenshots are attached below...



```
Initial code.png
C:\Users\prakh> AppData\Local\Temp\Temp1_1694983-note_taking_app (1).zip
1 from flask import Flask, render_template, request
2
3 app = Flask(__name__)
4
5 notes = []
6 @app.route('/', methods=["POST"])
7 def index():
8     note = request.args.get("note")
9     notes.append(note)
10    return render_template("home.html", notes=notes)
11
12
13 if __name__ == '__main__':
14     app.run(debug=True)
15

Final Code.png
note_taking_app > app.py > ...
1 from flask import Flask, render_template, request
2
3 app = Flask(__name__)
4
5 from flask_session import Session
6 from flask import session
7
8
9 app = Flask(__name__)
10 app.config["SESSION_PERMANENT"] = False
11 app.config["SESSION_TYPE"] = "filesystem"
12 Session(app)
13
14 notes = []
15 @app.route('/', methods=["GET","POST"])
16 def index():
17     if session.get("notes") is None:
18         session["notes"] = []
19     if request.method == 'POST':
20         note = request.form["note"]
21         if note != "":
22             session["notes"].append(note)
23
24     return render_template("home.html", notes=session['notes'])
25
26
```

