

Bugs and solution

Step:1

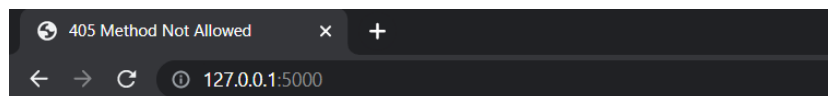
When I initially run the raw code,I got these errors.

```
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)
```



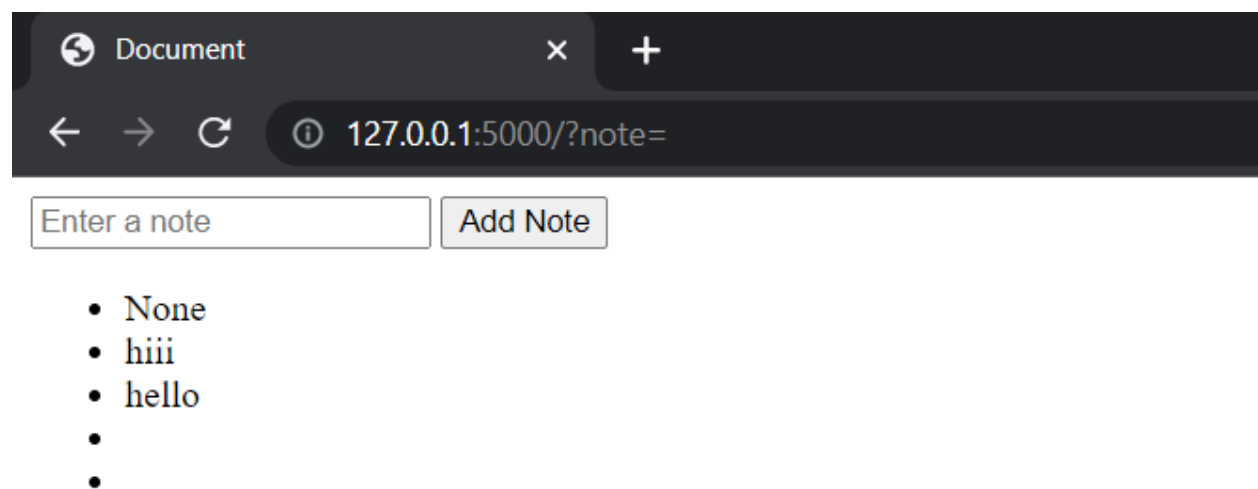
Method Not Allowed

The method is not allowed for the requested URL.

Step:2

In methods I add get method

```
1  from flask import Flask, render_template, request, redirect
2
3  app = Flask(__name__)
4
5  notes = []
6  @app.route('/', methods=['GET', 'POST'])
7  def index():
8      note = request.args.get("note")
9      notes.append(note)
10     return render_template("home.html", notes=notes)
11
12 if __name__ == '__main__':
13     app.run(debug=True)
```



Document x +

← → ↻ ⓘ 127.0.0.1:5000/?note=

Enter a note Add Note

- None
- hiii
- hello
-
-

But, here default it print 'None'. And without given any note its print null when click on 'add note'.

Step 3:

In html code, added required attribute in input text to fix previous bug.

```
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="">
11         <input type="text" name="note" placeholder="Enter a note" required>
12         <button>Add Note</button>
13     </form>
14
15     <ul>
16         {% for note in notes%}
17         <li>{{ note }}</li>
18         {% endfor %}
19     </ul>
20 </body>
21 </html>
```

Document x +

127.0.0.1:5000/?note=hello

Enter a note Add Note

- None
- hiii
- hello
- hello
- hello
- hello
- hello
- hello
- hello
- ..

One more bug I found, when I click on refresh last note repeat.

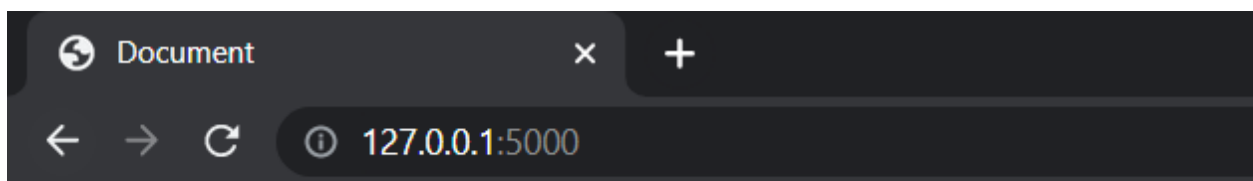
Step 4:

Request.form(), It is the dictionary object which contains the key-value pair of form parameters and their values

Here using **redirect()** function. When called, redirect users to a specified URL and assign a specified status code.

url_for() function, If the web application is able to create a meaningful URL that consists of inputs from users, users may remember the inputs used and will enhance the return to the same page again

```
1  from flask import Flask, render_template, request, redirect, url_for
2
3  app = Flask(__name__)
4
5  notes = []
6  @app.route('/', methods=['GET', 'POST'])
7  def index():
8      if request.method == 'POST':
9          note=request.form["note"]
10         notes.append(note)
11         return redirect(url_for('index'))
12     return render_template("home.html", notes=notes)
13 if __name__ == '__main__':
14     app.run(debug=True)
```



- hii
- hello
- innomatics research labs

