

# **DEBUGGING THE NOTE MAKING APPLICATION**

- Earlier we can see that the code is **broken** because there is a debugging issue. When we run the code, there are some **bugs**.
  - So to encounter these bugs I made some changes in the code; as you can see that in (**After code**) I included “**GET**” request alongside “**POST**” request to my route.
  - Furthermore, the method passed in the route is “POST” and the request to get information was referred to as ‘.args’ which is used in case of “GET” ; so I changed it to ‘.form’ which is used in case of “POST”.
  - And then there are two return statements which are required at that moment. One for the GET method and another for the POST method.
  - With the POST method returning the supplied text to the frontend as a parameter along with the .html page
  - And afterwards, I also added “POST” method in html file as well.
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- After doing these corrections in the code as well as in html file, the application is working well and the bugs are also removed.

**(AFTER CODE)**

```

1  from flask import Flask, render_template, request
2
3  app = Flask(__name__)
4
5  notes = []
6  @app.route('/', methods=["POST", "GET"])
7  def index():
8      if request.method=="POST":
9          note = request.form["note"]
10         if note!="":
11             notes.append(note)
12             return render_template("home.html", notes=notes)
13         return render_template("home.html")
14
15
16 if __name__ == '__main__':
17     app.run(debug=True)
18

```

(CHANGES IN HTML FILE)

```

templates > <> home.html > html > body > form
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>Add Note</button>
13     </form>
14
15     <ul>
16     {% for note in notes%}
17         <li>{{ note }}</li>
18     {% endfor %}
19     </ul>

```

**(Application after removing all bugs)**



- Hello Narsingarao
- Hello Buddy