

Python Code

```
1  from flask import Flask, render_template_string, request
2
3  app = Flask(__name__)
4
5  # HTML Template (kept inside the Python file for simplicity)
6  html = """
7  <!DOCTYPE html>
8  <html>
9  <head>
10     <title>Price Calculator</title>
11     <style>
12         body { font-family: Arial; background: #f7f7f7; padding: 40px; }
13         .container { background: white; padding: 20px; width: 400px; margin: auto; border-radius: 10px; box-shadow: 0 0 10px #ccc; }
14         h2 { text-align: center; }
15         input, button { width: 100%; padding: 10px; margin: 5px 0; }
16         button { background: #007bff; color: white; border: none; cursor: pointer; }
17         button:hover { background: #0056b3; }
18         .result { background: #e9ffe9; padding: 10px; margin-top: 15px; border-radius: 5px; }
19     </style>
20 </head>
21 <body>
22     <div class="container">
23         <h2>🏠 Price Calculator</h2>
24         <form method="POST">
25             <input type="number" step="0.01" name="price" placeholder="Enter Base Price ($)" required>
26             <input type="number" step="0.01" name="discount" placeholder="Enter Discount (%)" required>
27             <input type="number" step="0.01" name="tax" placeholder="Enter Tax (%)" required>
28             <button type="submit">Calculate</button>
29         </form>
30
31         {% if final %}
32         <div class="result">
33             <p><strong>Base Price:</strong> ${{ price }}</p>
34             <p><strong>Discount ({{ discount }}%):</strong> -${{ discount_amt }}</p>
35             <p><strong>Tax ({{ tax }}%):</strong> +${{ tax_amt }}</p>
36             <hr>
37             <h3>💰 Final Price: ${{ final }}</h3>
38         </div>
39         {% endif %}
40     </div>
41 </body>
42 </html>
43 """
44
45 @app.route("/", methods=["GET", "POST"])
46 def calculator():
47     if request.method == "POST":
```

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48     price = float(request.form["price"])
49     discount = float(request.form["discount"])
50     tax = float(request.form["tax"])
51
52     discount_amt = round(price * discount / 100, 2)
53     price_after_discount = price - discount_amt
54     tax_amt = round(price_after_discount * tax / 100, 2)
55     final = round(price_after_discount + tax_amt, 2)
56
57     return render_template_string(html, price=price, discount=discount, tax=tax,
58                                   discount_amt=discount_amt, tax_amt=tax_amt, fi
nal=final)
59     return render_template_string(html)
60
61     if __name__ == "__main__":
62         app.run(debug=True)

```