

Berkay COLAK

21071517

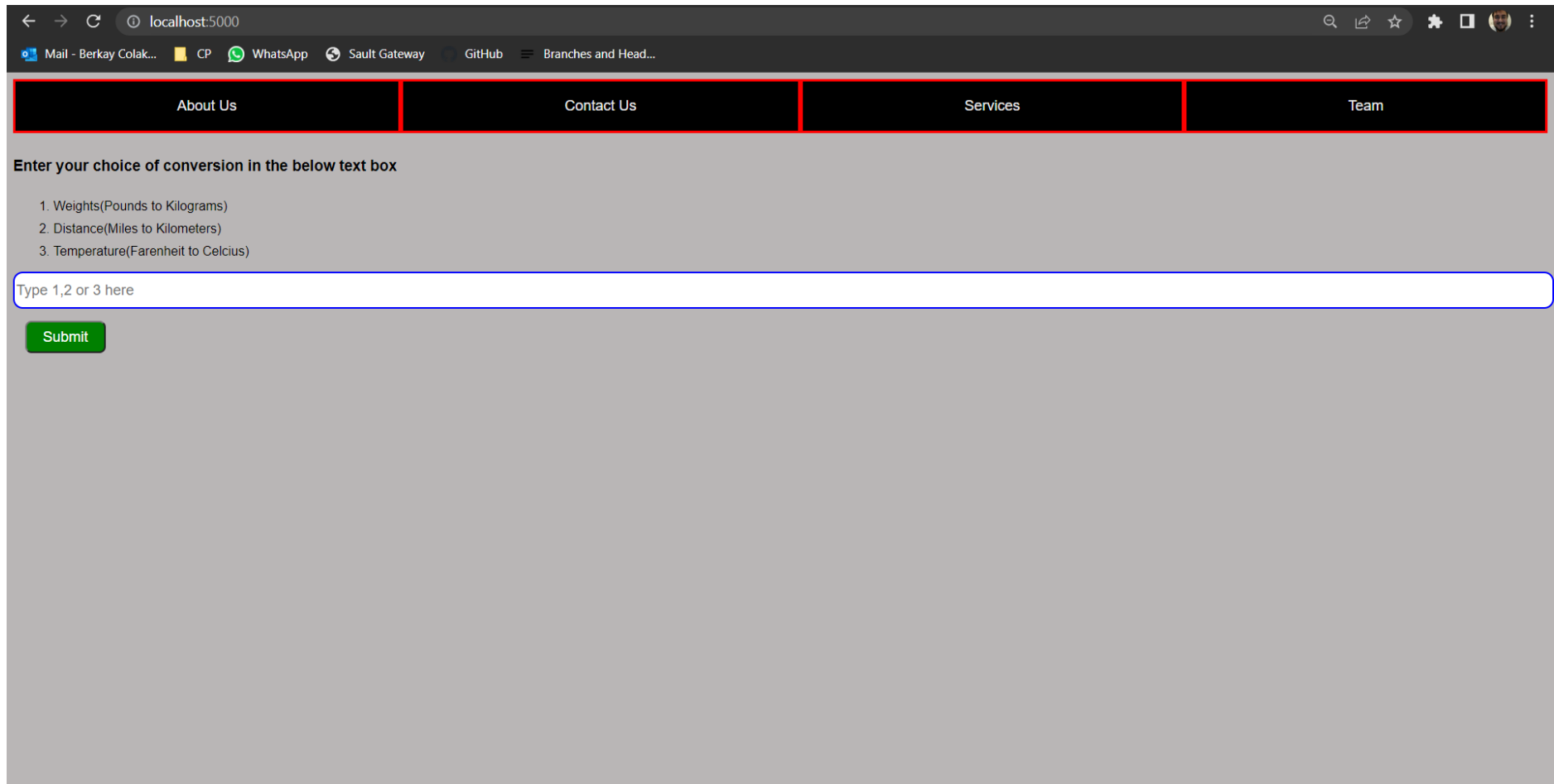
Introduction to Web
Programming

CSD112

Test-2

WEB-PAGE-PREVIEW

HOME



The screenshot shows a web browser window with the address bar displaying 'localhost:5000'. The browser's tab bar includes 'Mail - Berkay Colak...', 'CP', 'WhatsApp', 'Sault Gateway', 'GitHub', and 'Branches and Head...'. The page features a dark navigation bar with four links: 'About Us', 'Contact Us', 'Services', and 'Team'. Below the navigation bar, a heading reads 'Enter your choice of conversion in the below text box'. A list of three options is provided: '1. Weights(Pounds to Kilograms)', '2. Distance(Miles to Kilometers)', and '3. Temperature(Farenheit to Celcius)'. A text input field with a blue border contains the placeholder text 'Type 1,2 or 3 here'. A green 'Submit' button is positioned below the input field.

localhost:5000

Mail - Berkay Colak... CP WhatsApp Sault Gateway GitHub Branches and Head...

About Us Contact Us Services Team

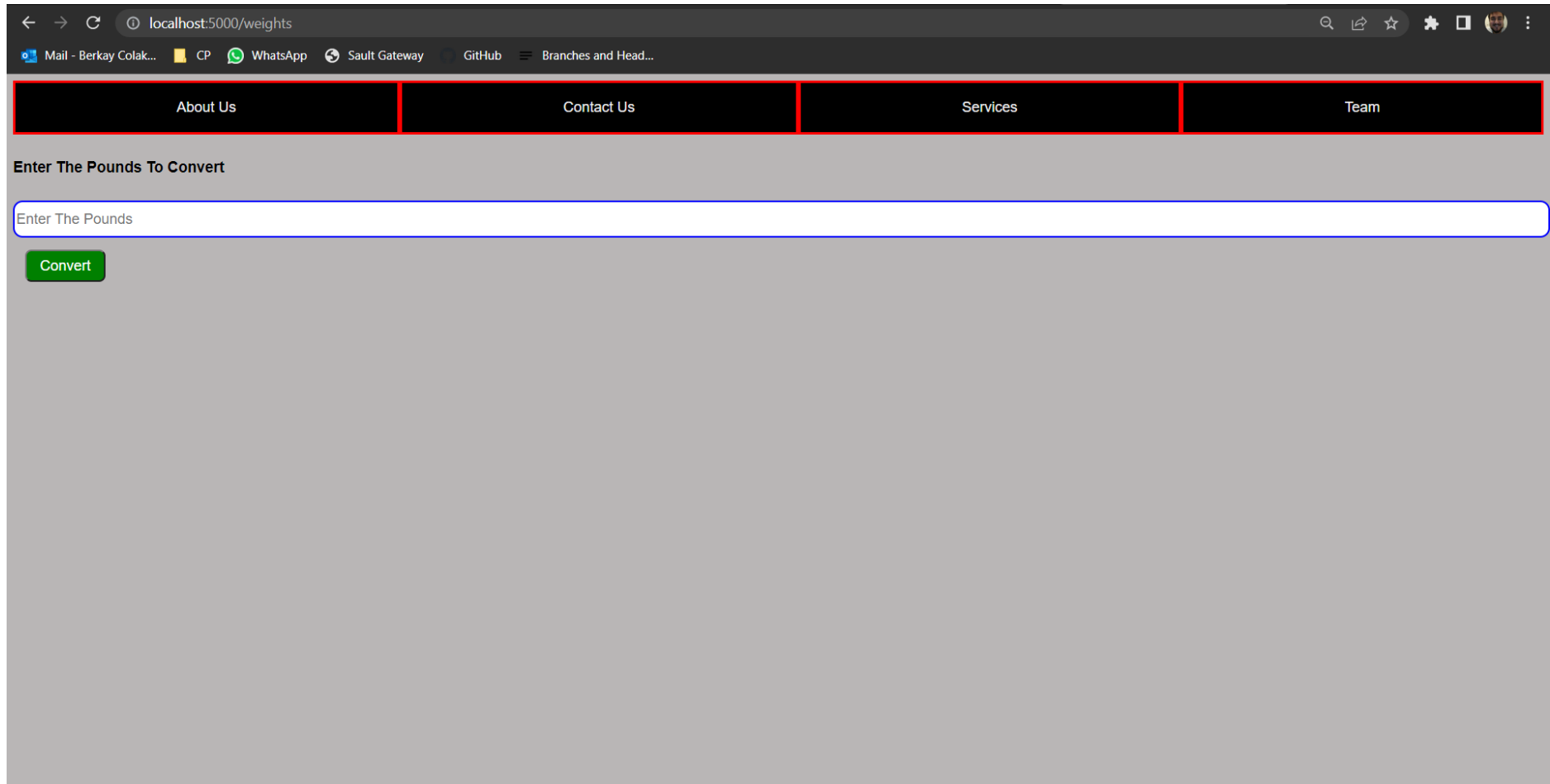
Enter your choice of conversion in the below text box

1. Weights(Pounds to Kilograms)
2. Distance(Miles to Kilometers)
3. Temperature(Farenheit to Celcius)

Type 1,2 or 3 here

Submit

WEIGHTS



The screenshot shows a web browser window with the address bar displaying "localhost:5000/weights". The browser's tab bar includes "Mail - Berkay Colak...", "CP", "WhatsApp", "Sault Gateway", "GitHub", and "Branches and Head...". The website has a dark navigation bar with four links: "About Us", "Contact Us", "Services", and "Team". Below the navigation bar, the main content area has a light gray background. It starts with the heading "Enter The Pounds To Convert". This is followed by a white input field with a blue border containing the placeholder text "Enter The Pounds". Below the input field is a green button with the text "Convert".

localhost:5000/weights

Mail - Berkay Colak... CP WhatsApp Sault Gateway GitHub Branches and Head...

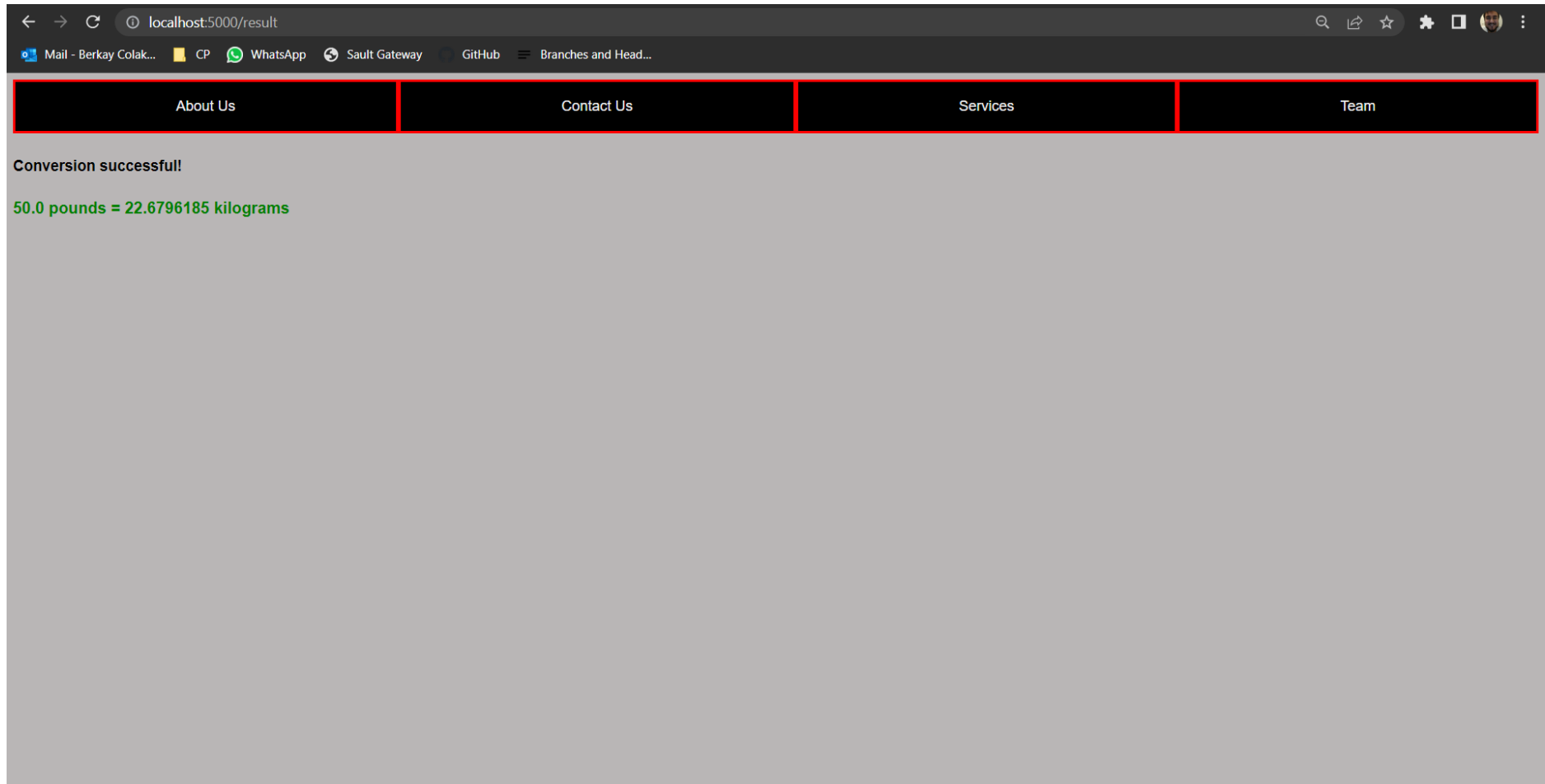
About Us Contact Us Services Team

Enter The Pounds To Convert

Enter The Pounds

Convert

WEIGHT-RESULT



DISTANCE

Screenshot of a web browser showing a distance conversion tool. The browser has multiple tabs, with "Distance" selected. The address bar shows "localhost:5000/distance". The page has a dark navigation bar with links: "About Us", "Contact Us", "Services", and "Team". Below the navigation bar, the text "Enter The Miles To Convert" is displayed. A text input field with the placeholder "Enter The Miles" is present, followed by a green "Convert" button.

DISTANCE -RESULTS

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** Sault Gateway, D2L Test 2 Instructions - Introduction, D2L Preview Rubric: Test 2 - Introduction, Results.
- Address Bar:** localhost:5000/result
- Taskbar:** Mail - Berkay Colak..., CP, WhatsApp, Sault Gateway, GitHub, Branches and Head...
- Navigation Bar:** A dark bar with four links: About Us, Contact Us, Services, and Team.
- Main Content Area:** A light gray background with the text "Conversion successful!" and "60.0 miles = 96.56064 kilometers" in green.

Conversion successful!

60.0 miles = 96.56064 kilometers

TEMPERATURE

Screenshot of a web browser showing a temperature conversion page. The browser has multiple tabs, with the active tab titled "Temperature". The address bar shows "localhost:5000/temperature". The page has a dark navigation bar with links: "About Us", "Contact Us", "Services", and "Team". Below the navigation bar, the text "Enter The Fahrenheit To Convert" is displayed. A text input field with the placeholder "Enter The Fahrenheit" is present, followed by a green "Convert" button.

TEMPERATURE-RESULT

The screenshot shows a web browser window with the address bar displaying `localhost:5000/result`. The browser's tab bar includes 'Sault Gateway', 'D2L Test 2 Instructions - Introduction', 'D2L Preview Rubric: Test 2 - Introduction', and 'Results'. The browser's taskbar at the bottom shows icons for Mail, CP, WhatsApp, Sault Gateway, and GitHub. The website's navigation bar is dark with red borders and contains links for 'About Us', 'Contact Us', 'Services', and 'Team'. The main content area has a light gray background and displays the message 'Conversion successful!' followed by the text '350.0 Fahrenheit = 176.6808 Celsius' in green.

Navigation links: [About Us](#), [Contact Us](#), [Services](#), [Team](#)

Conversion successful!

350.0 Fahrenheit = 176.6808 Celsius

MOBILE-RESPONSIVE

Sault C | D2L Test 2 | D2L Preview | Te: X

localhost:5000

Mail - Berkay Colak... CP WhatsApp Sault Gateway GitHub

About Us

Contact Us

Services

Team

Enter your choice of conversion in the below text box

1. Weights(Pounds to Kilograms)
2. Distance(Miles to Kilometers)
3. Temperature(Fahrenheit to Celcius)

Type 1,2 or 3 here

Submit

Sault C | D2L Test 2 | D2L Preview | Di: x +

localhost:5000/distance

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Mail - Berkay Colak...

CP

WhatsApp

Sault Gateway

GitHub

»

About Us

Contact Us

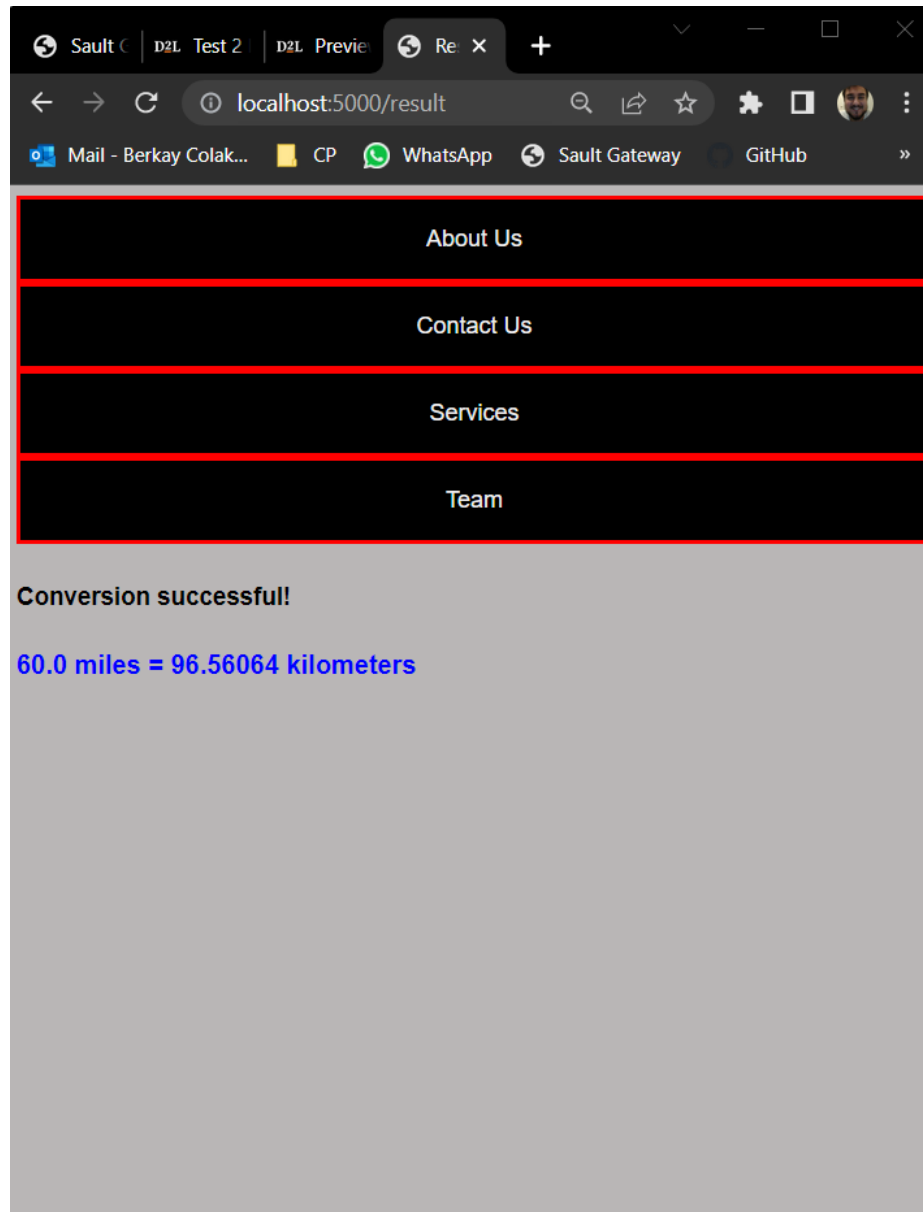
Services

Team

Enter The Miles To Convert

Enter The Miles

Convert



W3C VALIDATION

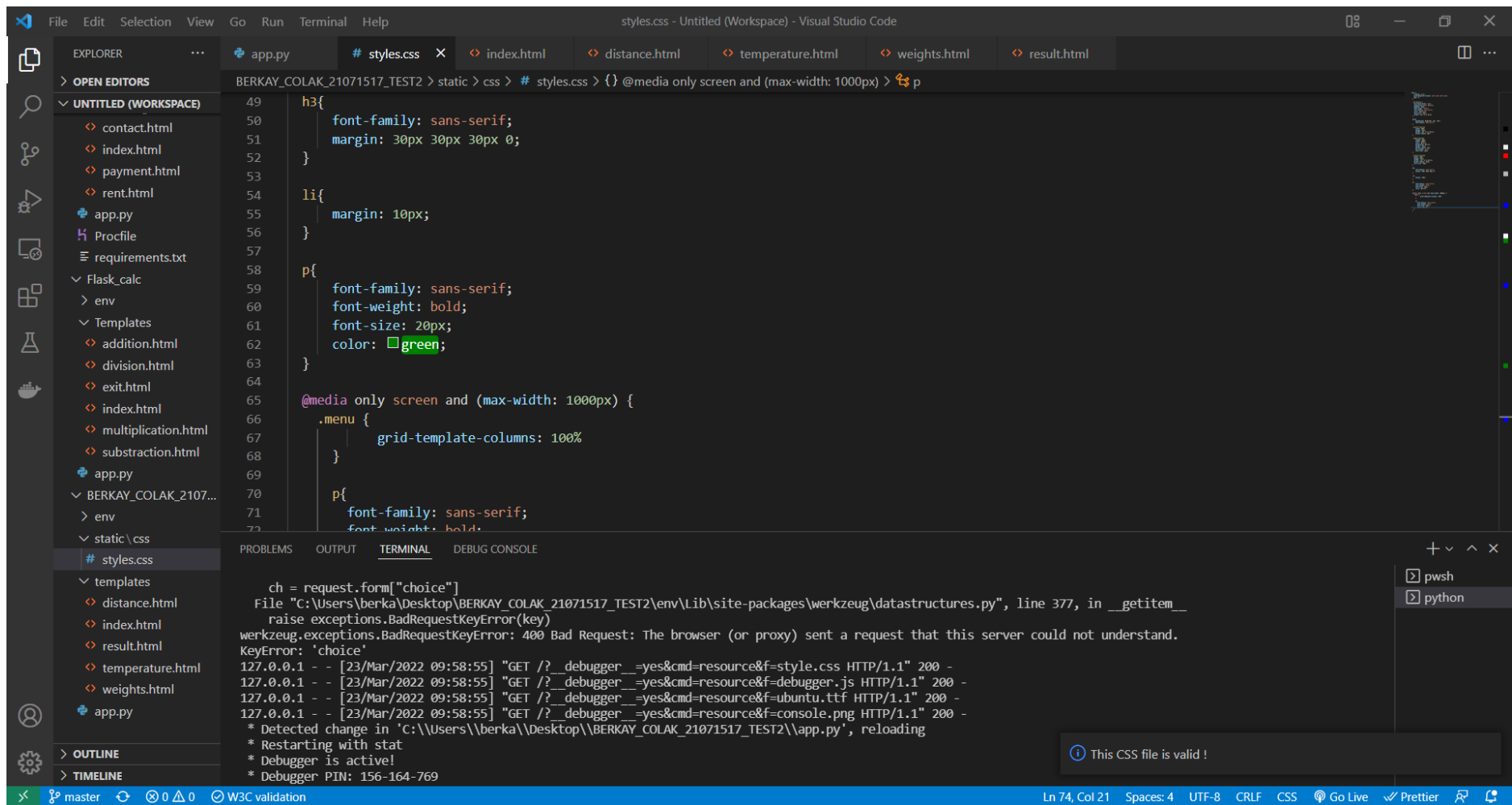
The screenshot displays the Visual Studio Code interface with a workspace titled "index.html - Untitled (Workspace)". The Explorer sidebar on the left shows a project structure with files like contact.html, index.html, payment.html, rent.html, app.py, Procfile, requirements.txt, Flask_calc, env, Templates, addition.html, division.html, exit.html, index.html, multiplication.html, subtraction.html, app.py, BERKAY_COLAK_2107..., static\css, # styles.css, templates, distance.html, index.html, result.html, temperature.html, weights.html, and app.py. The main editor shows the content of index.html, which is an HTML document with a navigation menu and a form for conversion. The bottom panel is split into PROBLEMS, OUTPUT, and TERMINAL tabs. The TERMINAL tab is active, showing a Python script running a web server and logging HTTP requests. A notification bubble in the bottom right corner states "This HTML file is valid!".

```
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   <link rel="stylesheet" href="/static/css/styles.css">
8   <title>Test 2</title>
9
10 </head>
11 <body>
12   <div>
13     <nav class="menu">
14       <a class="nav-button" href="#">About Us</a>
15       <a class="nav-button" href="#">Contact Us</a>
16       <a class="nav-button" href="#">Services</a>
17       <a class="nav-button" href="#">Team</a>
18     </nav>
19   </div>
20   <div class="measure">
21     <h3>Enter your choice of conversion in the below text box</h3>
22
23     <ol>
24       <li>
```

ch = request.form["choice"]
File "C:\Users\berka\Desktop\BERKAY_COLAK_21071517_TEST2\env\Lib\site-packages\werkzeug\datastructures.py", line 377, in __getitem__
raise exceptions.BadRequestKeyError(key)
werkzeug.exceptions.BadRequestKeyError: 400 Bad Request: The browser (or proxy) sent a request that this server could not understand.
KeyError: 'choice'
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=style.css HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=debugger.js HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=ubuntu.ttf HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
* Detected change in 'C:\Users\berka\Desktop\BERKAY_COLAK_21071517_TEST2\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 156-164-769

This HTML file is valid !

Ln 37, Col 71 Spaces: 4 UTF-8 CRLF HTML Go Live Prettier



distance.html - Untitled (Workspace) - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

OPEN EDITORS

UNTITLED (WORKSPACE)

- contact.html
- index.html
- payment.html
- rent.html
- app.py
- Procfile
- requirements.txt
- Flask_calc
 - env
- Templates
 - addition.html
 - division.html
 - exit.html
 - index.html
 - multiplication.html
 - subtraction.html
- app.py
- BERKAY_COLAK_2107...
 - env
 - static\css
 - # styles.css
 - templates
 - distance.html
 - index.html
 - result.html
 - temperature.html
 - weights.html

OUTLINE

TIMELINE

distance.html

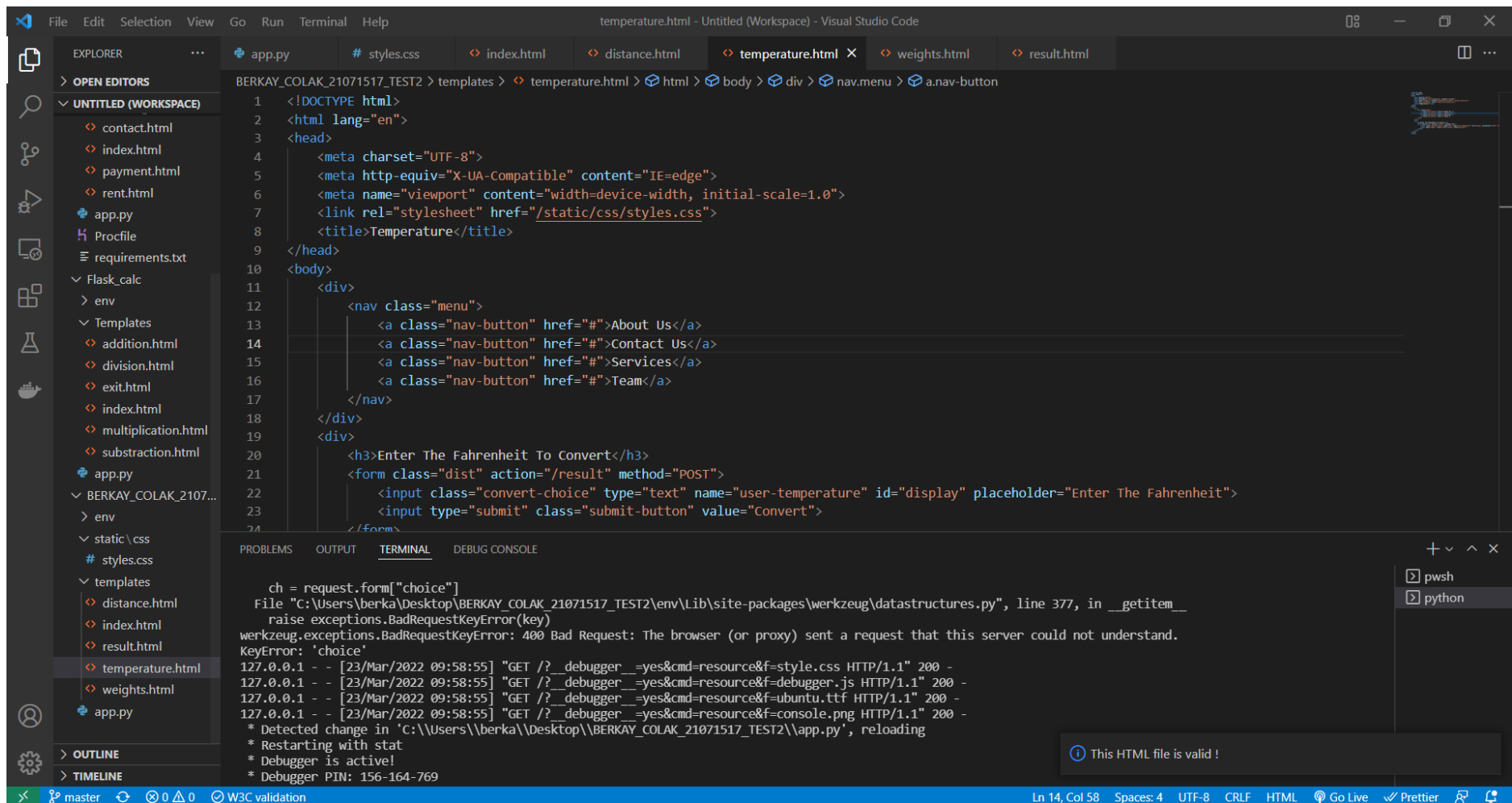
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="/static/css/styles.css">
8   <title>Distance</title>
9 </head>
10 <body>
11   <div>
12     <nav class="menu">
13       <a class="nav-button" href="#">About Us</a>
14       <a class="nav-button" href="#">Contact Us</a>
15       <a class="nav-button" href="#">Services</a>
16       <a class="nav-button" href="#">Team</a>
17     </nav>
18   </div>
19   <div>
20     <h3>Enter The Miles To Convert</h3>
21     <form class="dist" action="/result" method="POST">
22       <input class="convert-choice" type="text" name="user-distance" id="display" placeholder="Enter The Miles">
23       <input type="submit" class="submit-button" value="Convert">
24     </form>
25   </div>
26 </body>
27 </html>
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
ch = request.form["choice"]
File "C:\Users\berka\Desktop\BERKAY_COLAK_21071517_TEST2\env\Lib\site-packages\werkzeug\datastructures.py", line 377, in __getitem__
raise exceptions.BadRequestKeyError(key)
werkzeug.exceptions.BadRequestKeyError: 400 Bad Request: The browser (or proxy) sent a request that this server could not understand.
KeyError: 'choice'
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=style.css HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=debugger.js HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=ubuntu.ttf HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
* Detected change in 'C:\\Users\\berka\\Desktop\\BERKAY_COLAK_21071517_TEST2\\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 156-164-769
```

This HTML file is valid !

Ln 20, Col 44 Spaces: 4 UTF-8 CRLF HTML Go Live Prettier



Visual Studio Code interface showing a web application project named "BERKAY_COLAK_21071517_TEST2". The Explorer sidebar on the left displays the file structure, including a "templates" folder containing several HTML files, and a "weights.html" file currently selected in the editor.

The Editor window displays the content of "weights.html", which is an HTML template for a weight conversion tool. The code includes a DOCTYPE declaration, HTML and head tags with meta information, and a body containing a navigation menu with links to "About Us", "Contact Us", "Services", and "Team". The main content area features a heading "Enter The Pounds To Convert" followed by a form with a text input for "user-weight" and a submit button labeled "Convert".

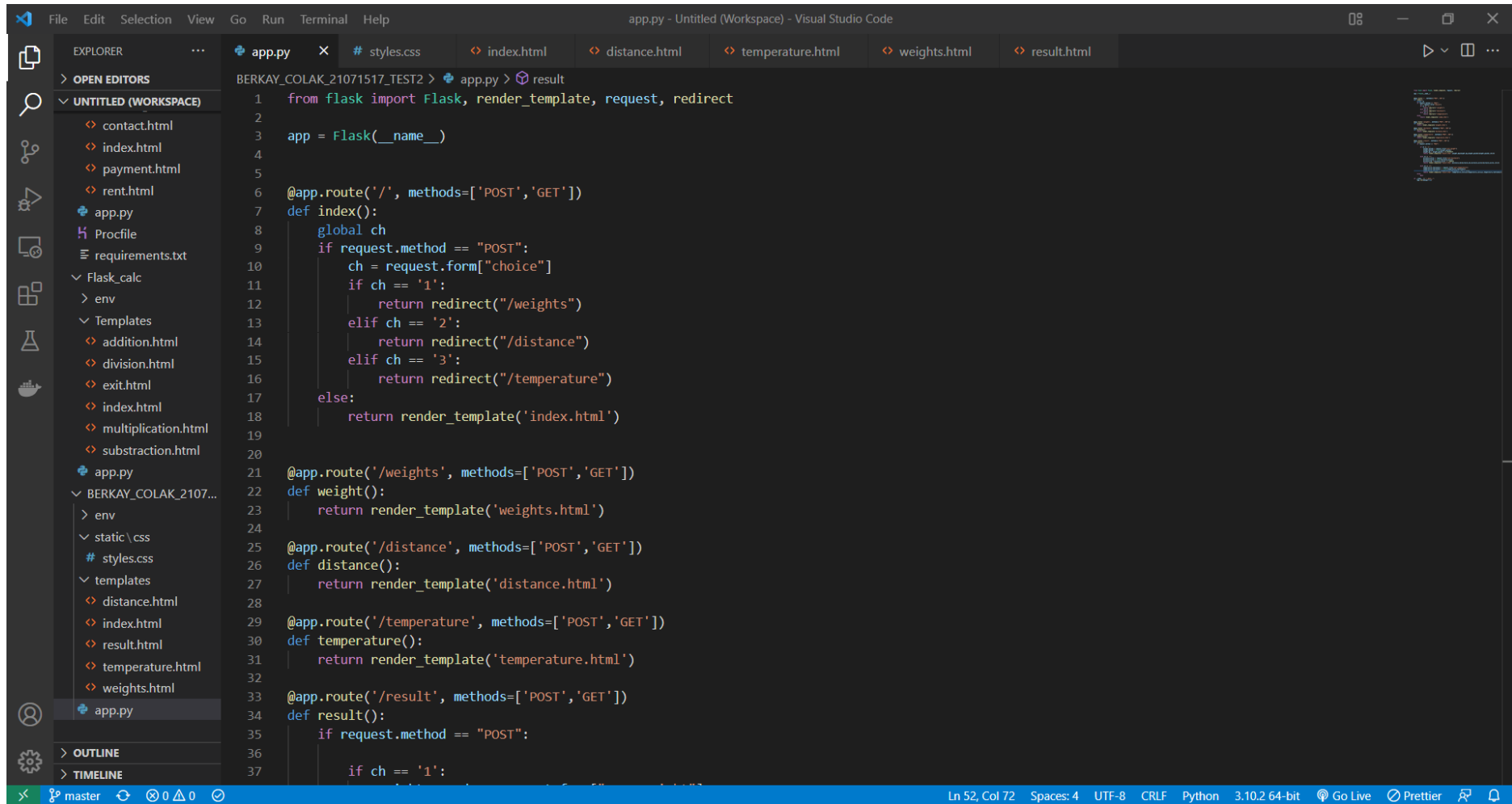
The Terminal window at the bottom shows the output of the application, including a message indicating a 400 Bad Request error and a log of GET requests from 127.0.0.1. A notification bubble at the bottom right states "This HTML file is valid!".

```
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   <link rel="stylesheet" href="/static/css/styles.css">
8   <title>Weights</title>
9 </head>
10 <body>
11   <div>
12     <nav class="menu">
13       <a class="nav-button" href="#">About Us</a>
14       <a class="nav-button" href="#">Contact Us</a>
15       <a class="nav-button" href="#">Services</a>
16       <a class="nav-button" href="#">Team</a>
17     </nav>
18   </div>
19   <div>
20     <h3>Enter The Pounds To Convert</h3>
21     <form class="dist" action="/result" method="POST">
22       <input class="convert-choice" type="text" name="user-weight" id="display" placeholder="Enter The Pounds" >
23       <input type="submit" class="submit-button" value="Convert">
24     </form>
```

ch = request.form["choice"]
File "C:\Users\berka\Desktop\BERKAY_COLAK_21071517_TEST2\env\Lib\site-packages\werkzeug\datastructures.py", line 377, in __getitem__
raise exceptions.BadRequestKeyError(key)
werkzeug.exceptions.BadRequestKeyError: 400 Bad Request: The browser (or proxy) sent a request that this server could not understand.
KeyError: 'choice'
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=style.css HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=debugger.js HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=ubuntu.ttf HTTP/1.1" 200 -
127.0.0.1 - - [23/Mar/2022 09:58:55] "GET /?_debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
* Detected change in 'C:\\Users\\berka\\Desktop\\BERKAY_COLAK_21071517_TEST2\\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 156-164-769

This HTML file is valid!

Flask (app.py)



The screenshot displays the Visual Studio Code interface with a Python project named 'app.py'. The Explorer sidebar on the left shows the project structure, including a 'templates' directory with several HTML files. The main editor window shows the code for 'app.py', which is a Flask application. The code defines a Flask app, sets up routes for 'index', 'weights', 'distance', 'temperature', and 'result', and uses Jinja2 templates for rendering. The status bar at the bottom indicates the current line and column (Ln 52, Col 72) and the active Python environment (Python 3.10.2 64-bit).

```
1 from flask import Flask, render_template, request, redirect
2
3 app = Flask(__name__)
4
5
6 @app.route('/', methods=['POST', 'GET'])
7 def index():
8     global ch
9     if request.method == "POST":
10         ch = request.form["choice"]
11         if ch == '1':
12             return redirect("/weights")
13         elif ch == '2':
14             return redirect("/distance")
15         elif ch == '3':
16             return redirect("/temperature")
17     else:
18         return render_template('index.html')
19
20
21 @app.route('/weights', methods=['POST', 'GET'])
22 def weight():
23     return render_template('weights.html')
24
25 @app.route('/distance', methods=['POST', 'GET'])
26 def distance():
27     return render_template('distance.html')
28
29 @app.route('/temperature', methods=['POST', 'GET'])
30 def temperature():
31     return render_template('temperature.html')
32
33 @app.route('/result', methods=['POST', 'GET'])
34 def result():
35     if request.method == "POST":
36
37         if ch == '1':
```

