

NUTRITION ASSISTANT APPLICATION

Team ID:

PNT2022TMID15840

Team members:

Shivaani.B

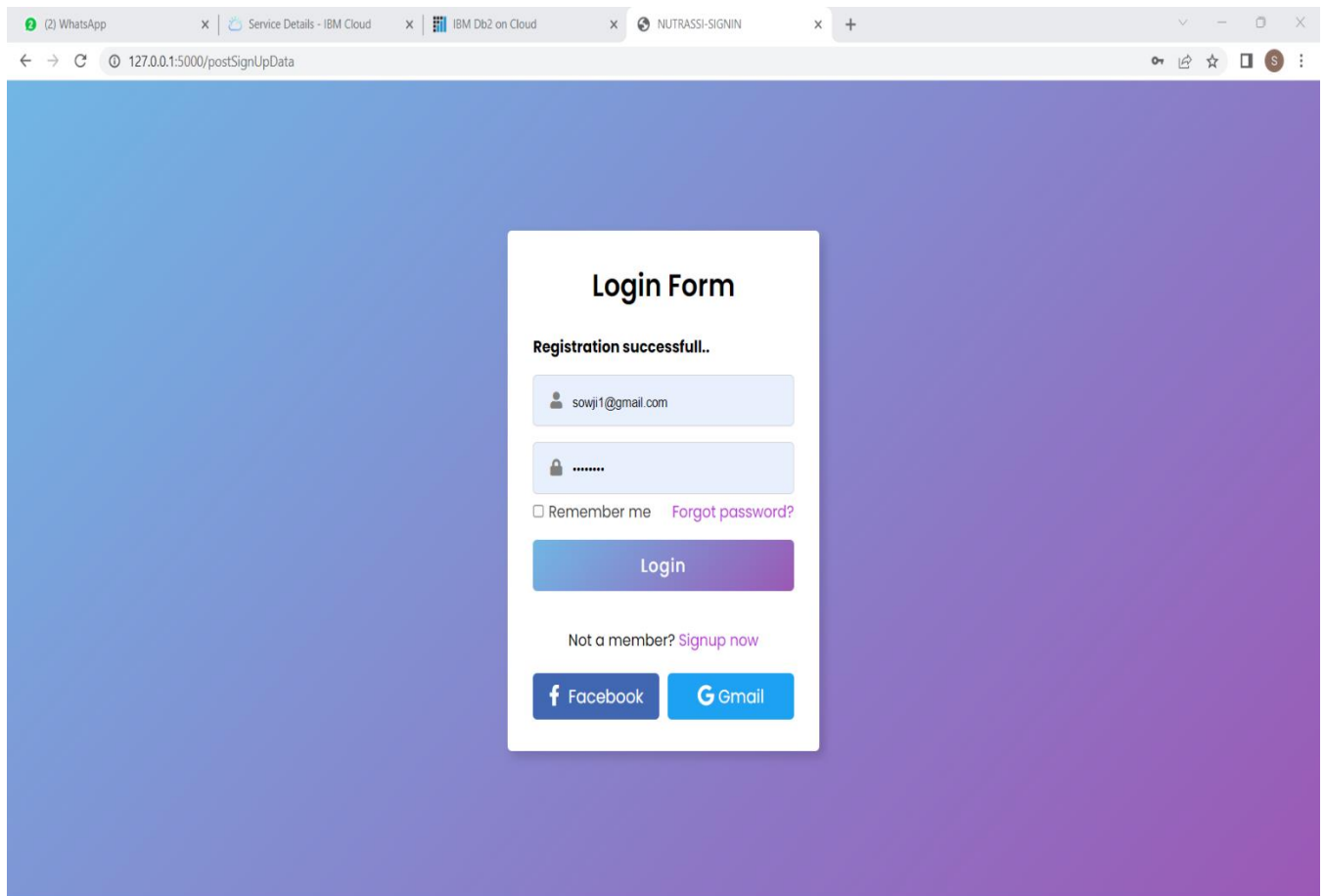
Sri Varshini.R. A

Sowjanya.G

Durga.P

SPRINT-2:

Login page after successful registration:



The screenshot shows a web browser window with multiple tabs. The active tab is titled "NUTRASSI-SIGNIN". The address bar shows the URL "127.0.0.1:5000/postSignUpData". The main content area displays a "Login Form" with a success message "Registration successfull..". The form includes input fields for email (sowji1@gmail.com) and password (masked with dots). Below the password field, there is a checkbox for "Remember me" and a link for "Forgot password?". A "Login" button is positioned below these fields. At the bottom of the form, there is a link for "Not a member? Signup now" and two buttons for social login: "Facebook" and "Gmail".

Browser tabs: (2) WhatsApp, Service Details - IBM Cloud, IBM Db2 on Cloud, NUTRASSI-SIGNIN

Address bar: 127.0.0.1:5000/postSignUpData

Page Title: Login Form

Registration successfull..

Email: sowji1@gmail.com

Password:

☐ Remember me [Forgot password?](#)

[Login](#)

Not a member? [Signup now](#)

[Facebook](#) [Gmail](#)

User data is added to ibm db2 database:

Browser tabs: (2) WhatsApp, Service Details - IBM Cloud, IBM Db2 on Cloud, NUTRASSI-SIGNIN

URL: bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F3d4040a37c90488084c76adf29cf1ad7%3A14ceff89-6afb-4d72-...

IBM Db2 on Cloud

Navigation: Load Data, Load History, **Tables**, Views, Indexes, Aliases, MQTs, Sequences, Application objects

Left sidebar: SQL, Tables (selected), Views, Indexes, Aliases, MQTs, Sequences, Application objects

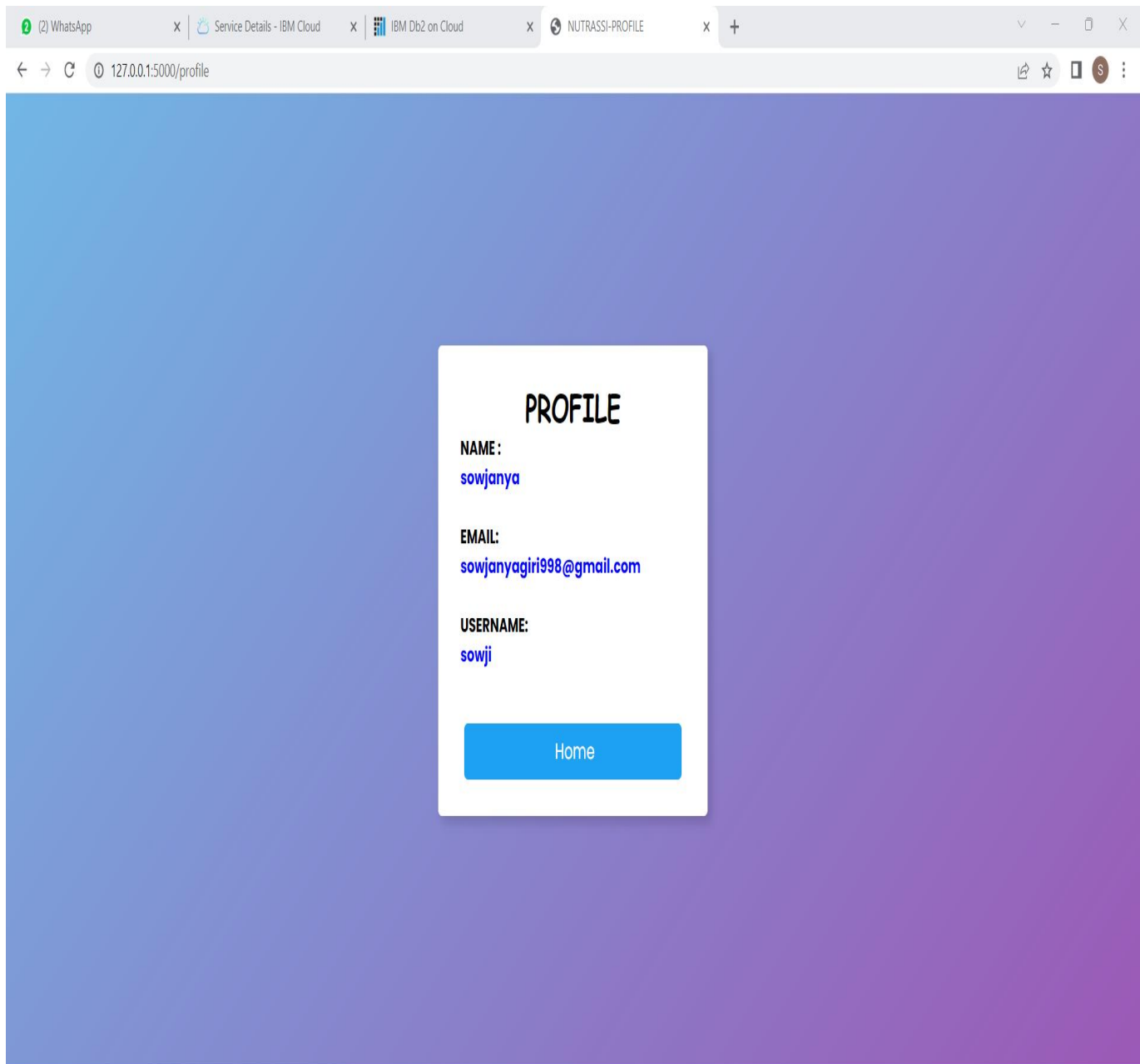
Table: DRK70799.USER

Buttons: Back, Export to CSV

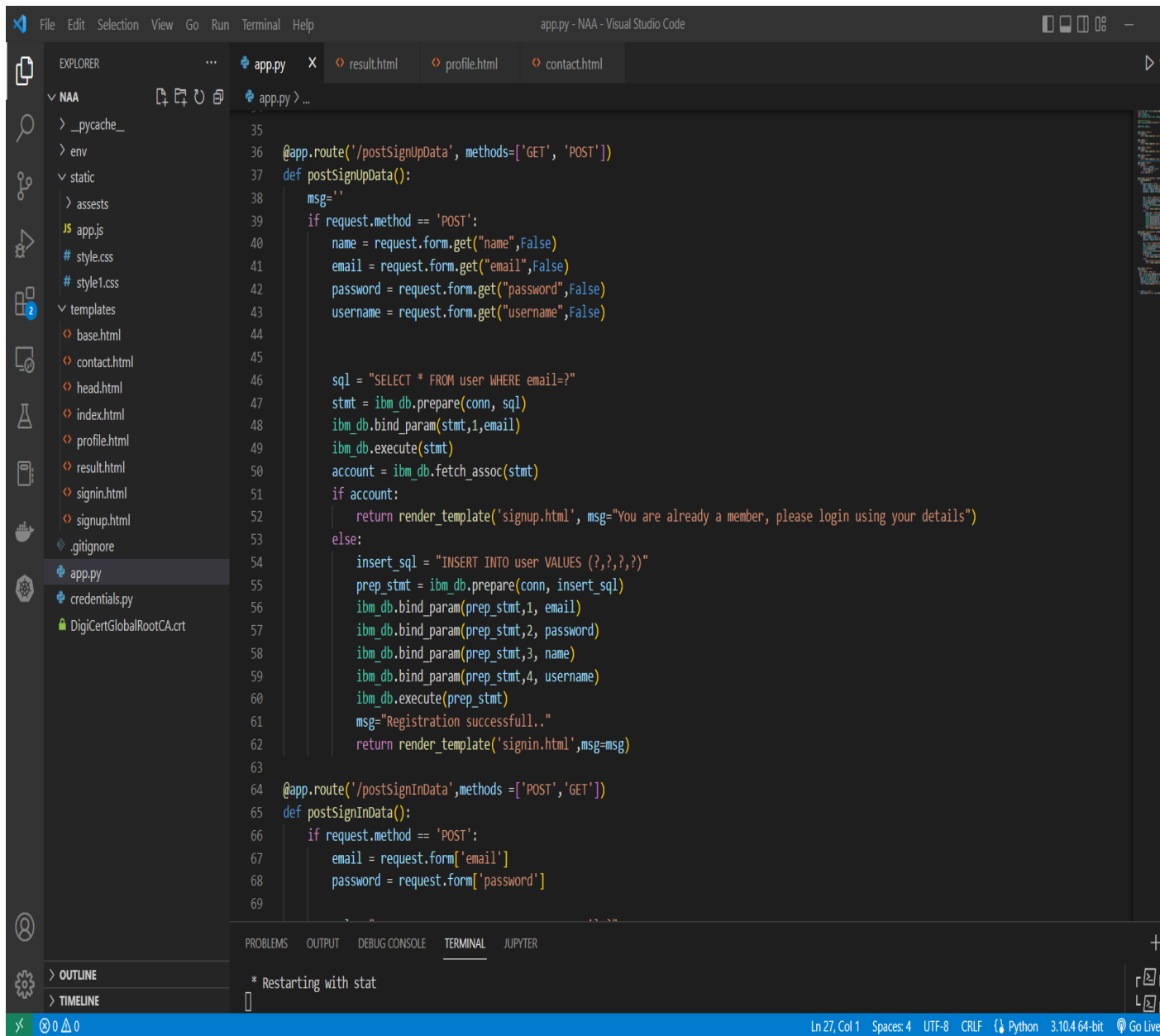
EMAIL	PASSWORD	NAME	USERNAME
sowjanya giri998@gmail.com	12345678	sowjanya	sowji

Footer: bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/.../index.html

Profile page of user:



Database Code integration in app.py:



The screenshot displays the Visual Studio Code interface for a project named 'app.py - NAA'. The Explorer sidebar on the left shows the project structure, including files like `app.js`, `style.css`, `style1.css`, and a `templates` directory with various HTML files. The main editor window shows the `app.py` file with the following code:

```
35
36 @app.route('/postSignUpData', methods=['GET', 'POST'])
37 def postSignUpData():
38     msg=""
39     if request.method == 'POST':
40         name = request.form.get("name",False)
41         email = request.form.get("email",False)
42         password = request.form.get("password",False)
43         username = request.form.get("username",False)
44
45
46         sql = "SELECT * FROM user WHERE email=?"
47         stmt = ibm_db.prepare(conn, sql)
48         ibm_db.bind_param(stmt,1,email)
49         ibm_db.execute(stmt)
50         account = ibm_db.fetch_assoc(stmt)
51         if account:
52             return render_template('signin.html', msg="You are already a member, please login using your details")
53         else:
54             insert_sql = "INSERT INTO user VALUES (?, ?, ?, ?)"
55             prep_stmt = ibm_db.prepare(conn, insert_sql)
56             ibm_db.bind_param(prepare_stmt,1, email)
57             ibm_db.bind_param(prepare_stmt,2, password)
58             ibm_db.bind_param(prepare_stmt,3, name)
59             ibm_db.bind_param(prepare_stmt,4, username)
60             ibm_db.execute(prepare_stmt)
61             msg="Registration successfull.."
62             return render_template('signin.html',msg=msg)
63
64 @app.route('/postSignInData', methods = ['POST', 'GET'])
65 def postSignInData():
66     if request.method == 'POST':
67         email = request.form['email']
68         password = request.form['password']
69
```

The bottom of the interface shows the TERMINAL panel with the message: `* Restarting with stat`. The status bar at the very bottom indicates the current cursor position (Ln 27, Col 1), encoding (UTF-8), line endings (CRLF), and the Python interpreter path (Python 3.10.4 64-bit).

Profile.html:

```
1 {% extends 'head.html' %}
2
3 {% block head %}
4 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/all.min.css"/>
5 <title>NUTRASSI-PROFILE</title>
6 {% endblock %}
7
8 {% block body %}
9 <div class="main_div">
10 <div class="title" style="font-family:cursive;">PROFILE</div>
11
12 <div class="user_info">
13 <h4>NAME : <p style="color:blue;">{{name}}</p></h4><br>
14 <h4>EMAIL: <p style="color:blue;">{{email}}</p></h4><br>
15 <h4>USERNAME: <p style="color:blue;">{{username}}</p></h4>
16 <br>
17 <div class="social_icons">
18 <a href="/index"> <span>Home</span></a>
19 <!--<a href="#"><span>Gmail</span></a-->
20 </div>
21
22 </div>
23
24
25 {% endblock %}
26
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

* Debugger PIN: 878-216-056

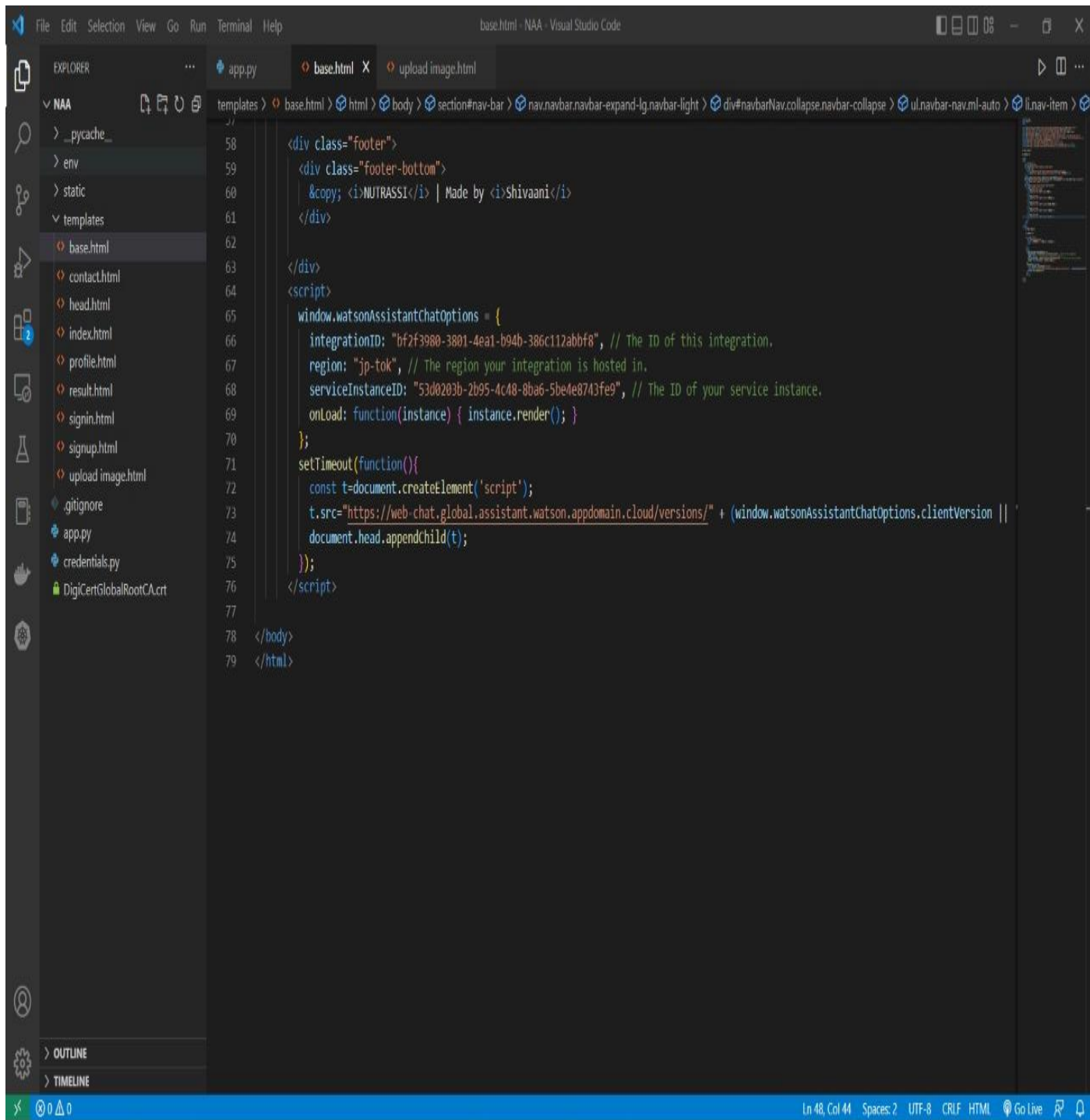
Ln 5, Col 27 Spaces: 2 UTF-8 CRLF HTML Go Live

Cloud Object storage:

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: IBM Cloud, Cloud Object Storage, Storage instances (selected), Cloud Object Storage-pz, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'objectdemo' and includes tabs for 'Objects', 'Configuration', and 'Permissions'. A yellow warning box states: 'Warning: All objects in this bucket have public view access.' Below this, a message says: 'If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)'. The object list table has columns: Object name, Archived, Size, and Last modified. The objects listed are: Drink-More-Water.gif (371.1 KB, 2022-11-17 8:56 AM), Exercise-GIF.gif (427.0 KB, 2022-11-17 8:56 AM), healthy-g.gif (482.9 KB, 2022-11-17 8:56 AM), meditation.gif (1.4 MB, 2022-11-17 8:57 AM), sleep.jpg (440.9 KB, 2022-11-17 8:56 AM), and yoga.jpg (33.6 KB, 2022-11-17 8:56 AM). An 'Upload' button is in the top right of the table area. At the bottom, there is a link: 'Drag and drop files (objects) here or click to upload'.

Object name	Archived	Size	Last modified
Drink-More-Water.gif		371.1 KB	2022-11-17 8:56 AM
Exercise-GIF.gif		427.0 KB	2022-11-17 8:56 AM
healthy-g.gif		482.9 KB	2022-11-17 8:56 AM
meditation.gif		1.4 MB	2022-11-17 8:57 AM
sleep.jpg		440.9 KB	2022-11-17 8:56 AM
yoga.jpg		33.6 KB	2022-11-17 8:56 AM

Watson As3sistant code integration:




The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays a file tree for a project named 'NAA'. The file 'base.html' is selected. The main editor area shows the content of 'base.html', which includes HTML structure and a JavaScript script for integrating Watson Assistant. The script defines 'window.watsonAssistantChatOptions' with specific integration details and uses 'setTimeout' to load the chat interface.

```
58 <div class="footer">
59   <div class="footer-bottom">
60     &copy; <i>NUTRASSI</i> | Made by <i>Shivaani</i>
61   </div>
62 </div>
63
64 <script>
65   window.watsonAssistantChatOptions = {
66     integrationID: "bf2f3980-3801-4ea1-b94b-386c112abbf8", // The ID of this integration.
67     region: "jp-tok", // The region your integration is hosted in.
68     serviceInstanceID: "53d0203b-2b95-4c48-8ba6-5be4e8743fe9", // The ID of your service instance.
69     onLoad: function(instance) { instance.render(); }
70   };
71   setTimeout(function(){
72     const t=document.createElement('script');
73     t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion ||
74     document.head.appendChild(t);
75   });
76 </script>
77
78 </body>
79 </html>
```

At the bottom of the editor, the status bar shows 'Ln 48, Col 44', 'Spaces: 2', 'UTF-8', 'CRLF', 'HTML', and 'Go Live'.

Chat bot:



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GET TO KNOW ABOUT THE NUTRITION CONTENT AND CALORIES IN THE FOOD YOU INTAKE
AND TO REDUCE IT'S CONSUMPTION.

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Watson Assistant

Top Nutritional foods?

Top Nutritional foods?

1. ALMONDS (v)
579kcal, \$0.91, per 100g
2. CHERIMOYA (v)
75kcal, \$1.84, per 100g
3. OCEAN PERCH
79kcal, \$0.82, per 100g
4. FLATFISH
70kcal, \$1.15, per 100g
5. CHIA SEEDS (v)
486kcal, \$1.76, per 100g
6. PUMPKIN SEEDS (v)
559kcal, \$1.60, per 100g

Our information is meaningful?

Yes

No

Type something...

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