

# NUTRITION ASSISTANT APPLICATION

## Team members:

Deepak Kumar A

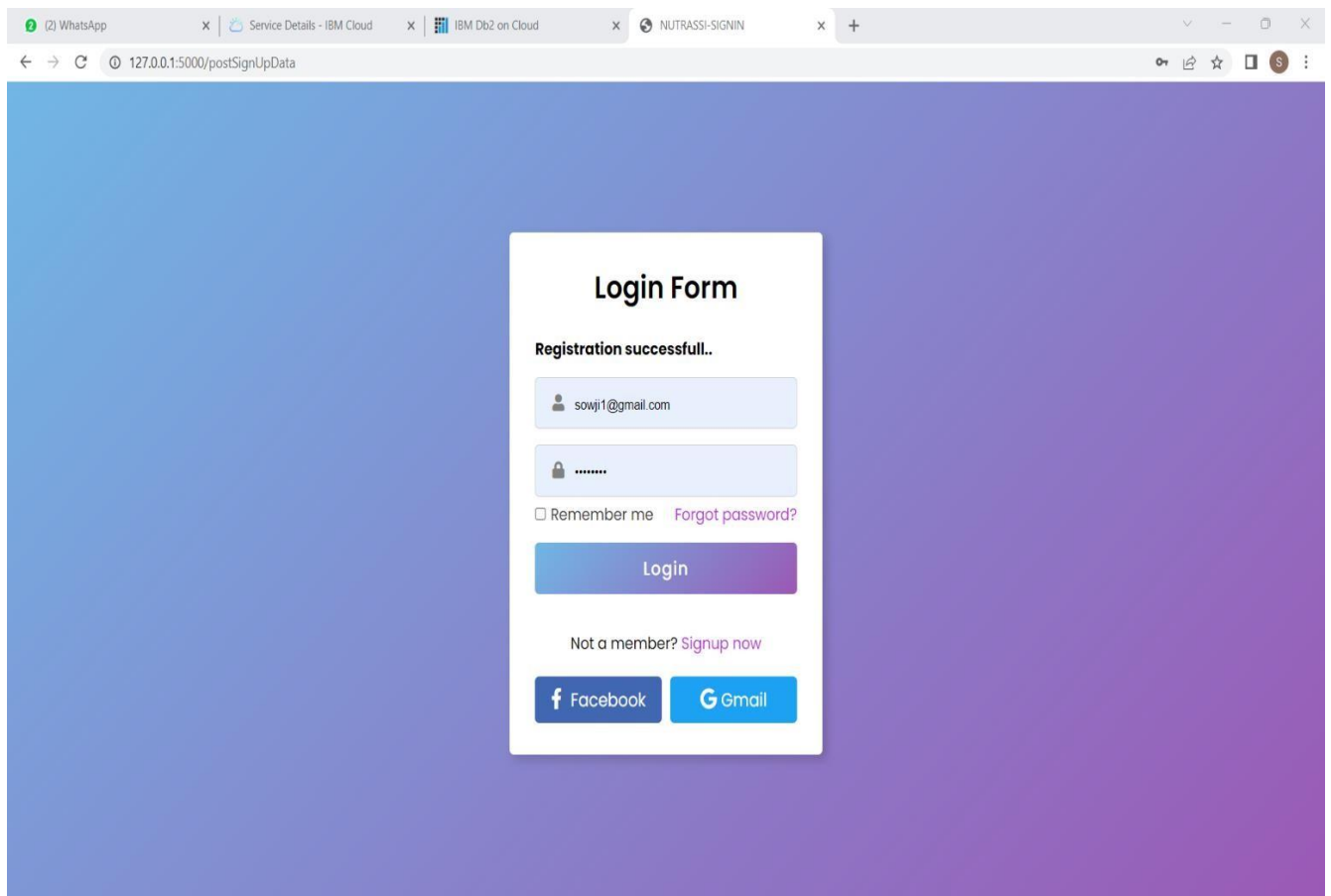
Mukilan A

Pozhil K

Hariharan P

## SPRINT-2:

### Login page after successful registration:



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

- 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
- Message:** Registration successfull..
- Form Fields:**
  - Email: sowji1@gmail.com
  - Password: [masked]
- Form Elements:**
  - ☐ Remember me
  - [Forgot password?](#)
  - 
  - Not a member? [Signup now](#)
  -

## User data is added to ibm db2 database:

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

URL: bs2ipcu0apon0juf80lite.db2.cloud.ibm.com/crn%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**, Views, Indexes, Aliases, MQTs, Sequences, Application objects

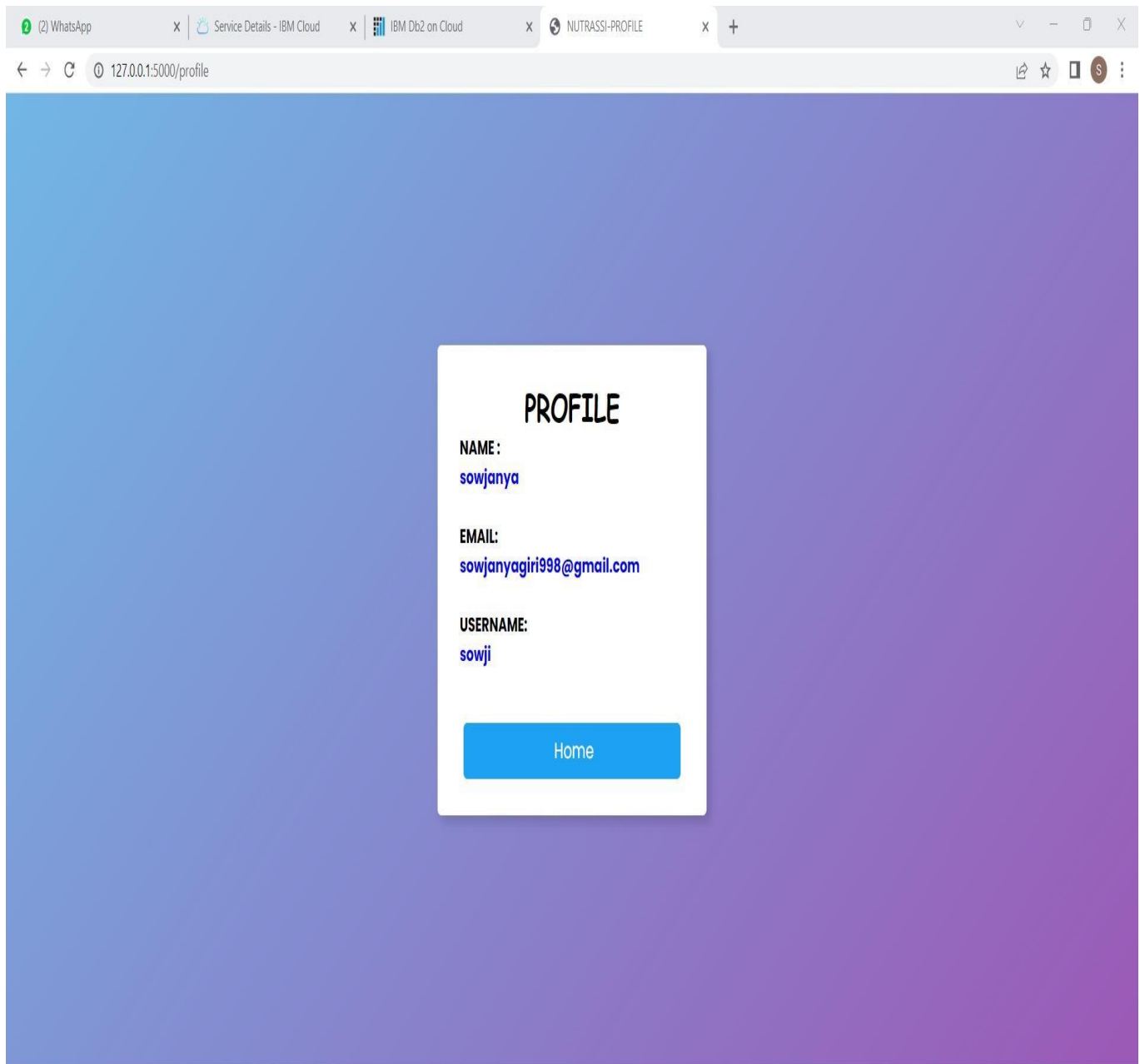
Table: DRK70799.USER

Buttons: Back, Export to CSV

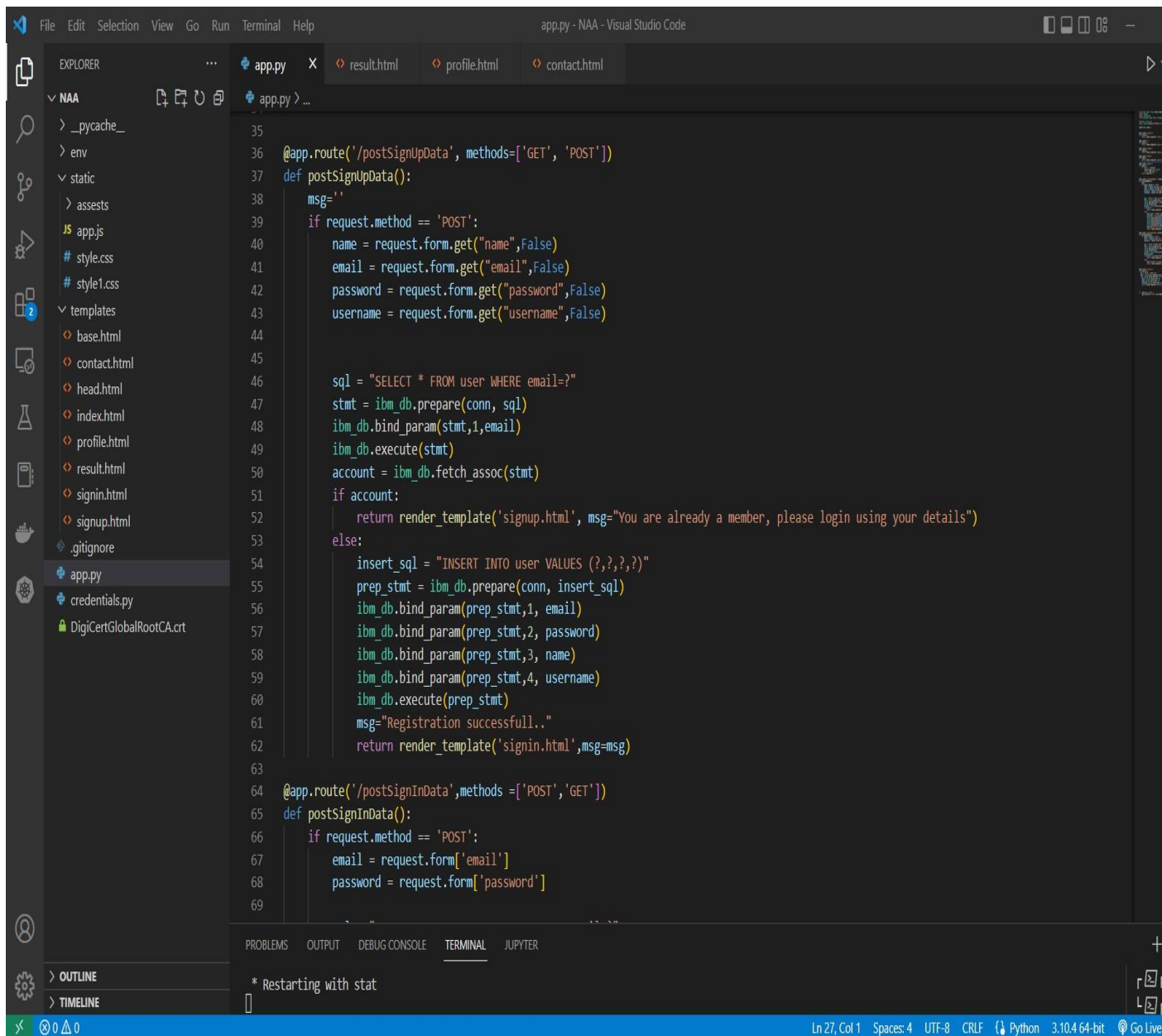
EMAIL	PASSWORD	NAME	USERNAME
sowjanya998@gmail.com	12345678	sowjanya	sowji

Footer: bs2ipcu0apon0juf80lite.db2.cloud.ibm.com/.../index.html

## Profile page of user:



## Database Code integration in app.py:



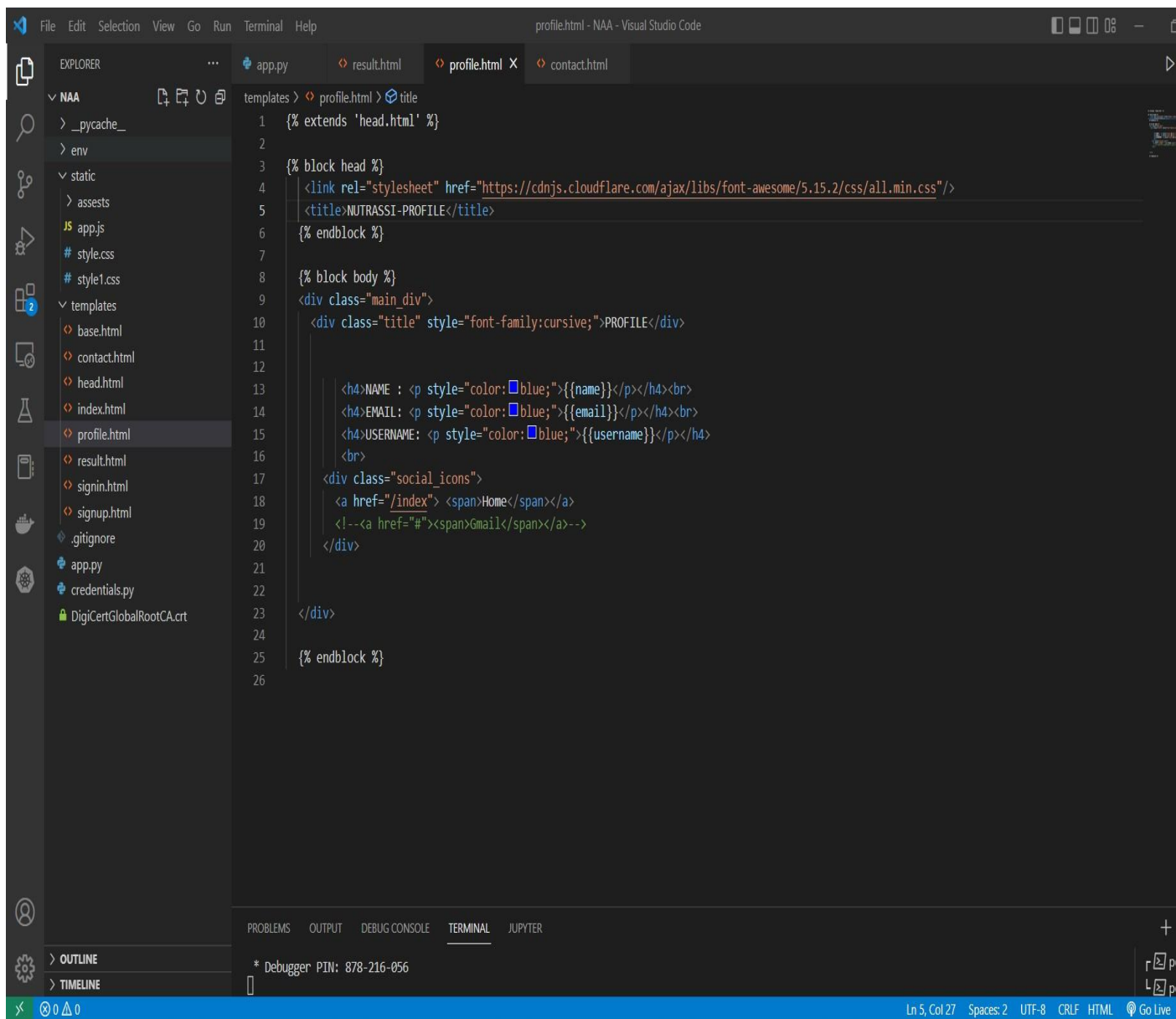
The screenshot displays the Visual Studio Code editor with a project named 'NAA'. The Explorer sidebar on the left shows the file structure, including static assets, templates, and source files like app.py and credentials.py. The main editor window shows the code for app.py, which includes two routes: postSignUpData and postSignInData. The postSignUpData route uses an IBM DB connection to check if a user exists by email. If the user exists, it renders a message to login. If not, it inserts a new user into the database. The postSignInData route is partially visible at the bottom.

```
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('signup.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
```

At the bottom of the editor, the TERMINAL panel shows the command: `* Restarting with stat`.

Ln 27, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit Go Live

# 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 {% endblock %}
25
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:

(2) WhatsApp

IBM

IBM-Project-25050-1659953143

IBM-Project-23937-1659933802

Cloud Object Storage - IBM Cloud

cloud.ibm.com/objectstorage/cm%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F3d4040a37c90488084c76adf29cf1ad7%3Ad1356827-f772-4c07-b31e-68e17dfcb914%3A...

Star

Profile

Menu

IBM Cloud

Search resources and products...

Catalog

Manage

SHIVAANI B's Account

Help

Dashboard

Calendar

Notifications

Profile

Cloud Object Storage

Storage instances

Cloud Object Storage-pz

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Storage / Cloud Object Storage-pz /

objectdemo

Transfers

Details

Actions...

Objects

Configuration

Permissions

Warning: All objects in this bucket have public view access.

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Refresh

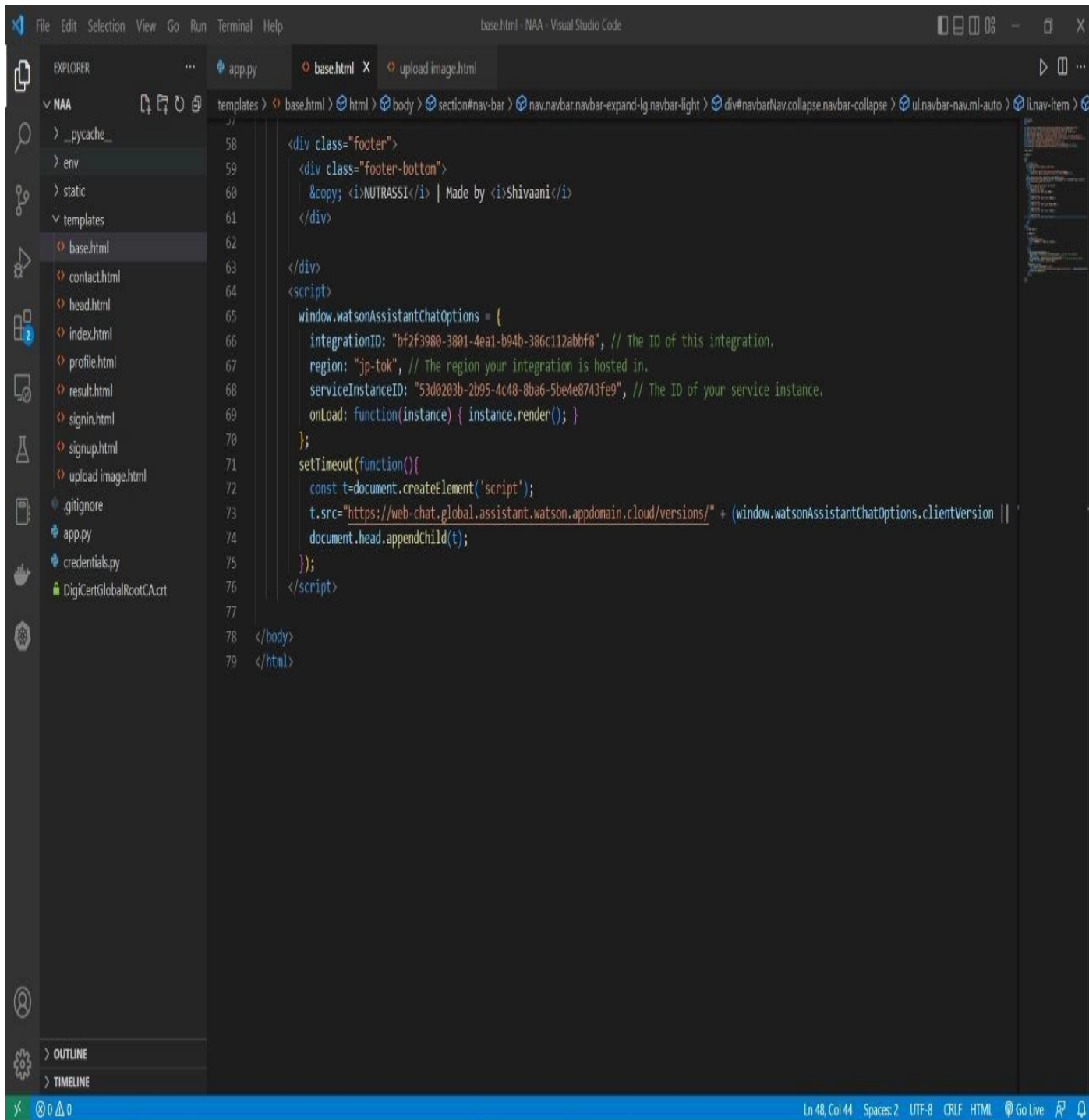
Download

Upload

<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	<a href="#">Drink-More-Water.gif</a>		371.1 KB	2022-11-17 8:56 AM	⋮
<input type="checkbox"/>	<a href="#">Exercise-GIF.gif</a>		427.0 KB	2022-11-17 8:56 AM	⋮
<input type="checkbox"/>	<a href="#">healthy..g-gif.gif</a>		482.9 KB	2022-11-17 8:56 AM	⋮
<input type="checkbox"/>	<a href="#">meditation.gif</a>		1.4 MB	2022-11-17 8:57 AM	⋮
<input type="checkbox"/>	<a href="#">sleep.jpg</a>		440.9 KB	2022-11-17 8:56 AM	⋮
<input type="checkbox"/>	<a href="#">yoga.jpg</a>		33.6 KB	2022-11-17 8:56 AM	⋮

Drag and drop files (objects) here or click to upload

## Watson Assistant code integration:




The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays a project structure for 'NAA' with files like 'base.html', 'contact.html', 'head.html', 'index.html', 'profile.html', 'result.html', 'signin.html', 'signup.html', and 'upload image.html'. The main editor area shows the 'base.html' file with the following code:

```
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 </div>
65 <script>
66   window.watsonAssistantChatOptions = {
67     integrationID: "bf2f3980-3801-4ea1-b94b-386c112abbf8", // The ID of this integration.
68     region: "jp-tok", // The region your integration is hosted in.
69     serviceInstanceID: "53d0203b-2b95-4c48-8ba6-5be4e8743fe9", // The ID of your service instance.
70     onLoad: function(instance) { instance.render(); }
71   };
72   setTimeout(function(){
73     const t=document.createElement('script');
74     t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion ||
75     '1.0.0');
76     document.head.appendChild(t);
77   });
78 </script>
79 </body>
80 </html>
```

The status bar at the bottom indicates the current position is Line 48, Column 44, with 2 spaces, UTF-8 encoding, CRLF line endings, and HTML language mode. It also shows the 'Go Live' button.

## Chat bot:

 **NUTRASSI**

[HOME](#) [PROFILE](#) [UPLOAD IMAGE](#) [CONTACT](#) [LOG OUT](#)


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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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