

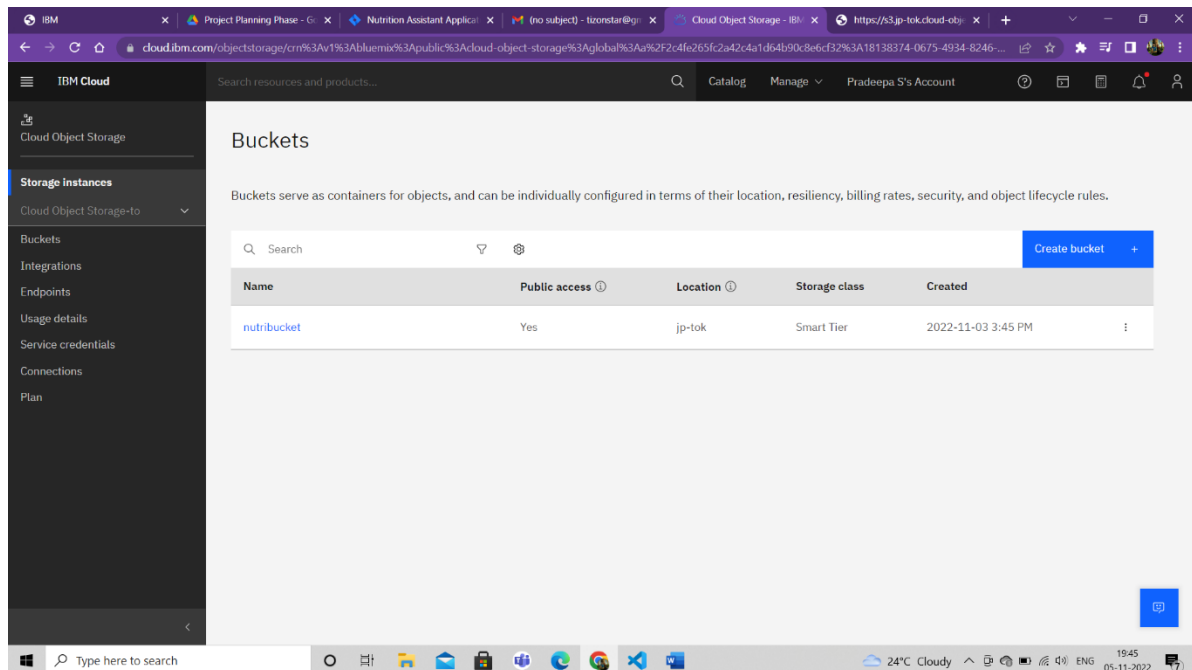
ASSIGNMENT – 3

| | |
|---------------|---------------------------------|
| Date | 02 October 2022 |
| Team ID | PNT2022TMID54057 |
| Project Name | Nutrition Assistant Application |
| Maximum Marks | 4 Marks |

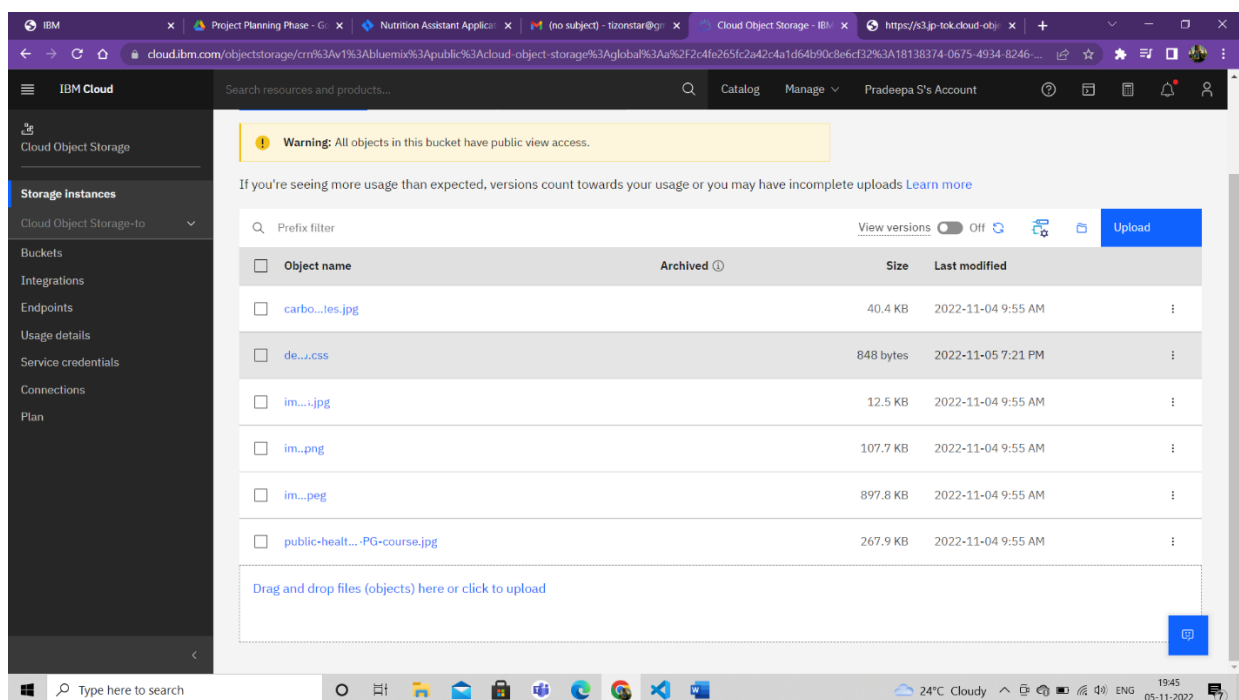
QUESTIONS :

- 1.Create a Bucket in IBM object storage.
- 2.Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.
- 3.Upload a css page to the object storage and use the same page in your HTML code.
- 4.Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.
- 5.Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

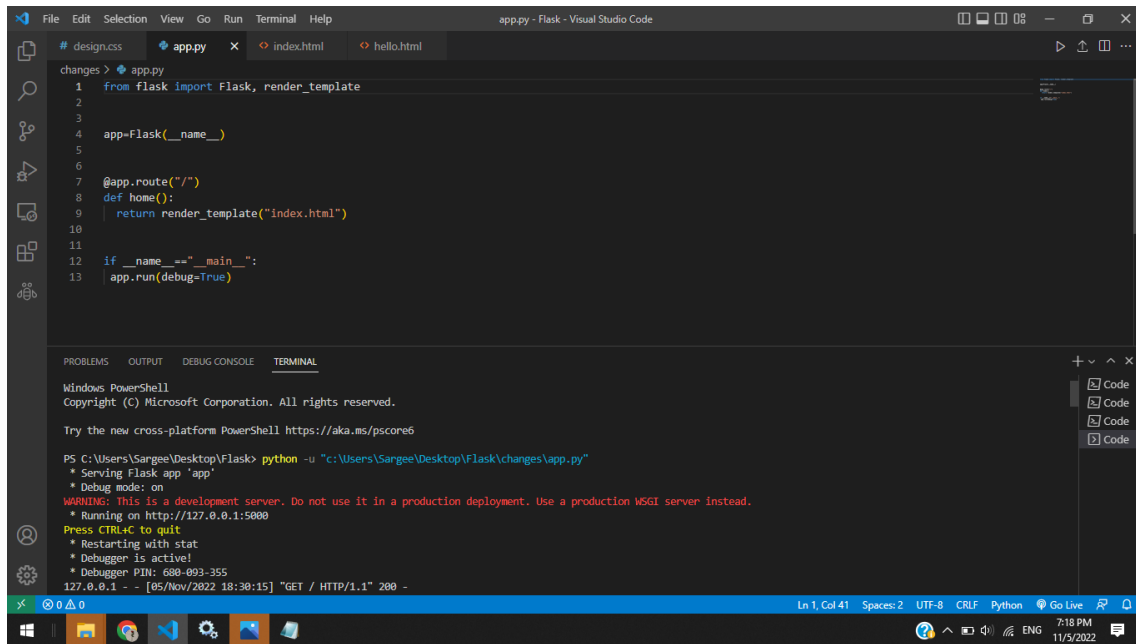
1. Create a Bucket in IBM object storage.



2. Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.



App.py



The screenshot shows the Visual Studio Code editor with the file `app.py` open. The code is a Flask application that imports `Flask` and `render_template`, creates an app instance, defines a `home` route, and runs the app in debug mode. The terminal at the bottom shows the command `python -u "c:\Users\Sargee\Desktop\F\changes\app.py"` being executed, with output indicating the app is running on `http://127.0.0.1:5000`.

```
# design.css  app.py  index.html  hello.html
changes > app.py
1 from flask import Flask, render_template
2
3
4 app=Flask(__name__)
5
6
7 @app.route("/")
8 def home():
9     return render_template("index.html")
10
11
12 if __name__=="__main__":
13     app.run(debug=True)
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/powershell>

PS C:\Users\Sargee\Desktop\F\changes> python -u "c:\Users\Sargee\Desktop\F\changes\app.py"

* Serving Flask app 'app'

* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on <http://127.0.0.1:5000>

Press CTRL+C to quit

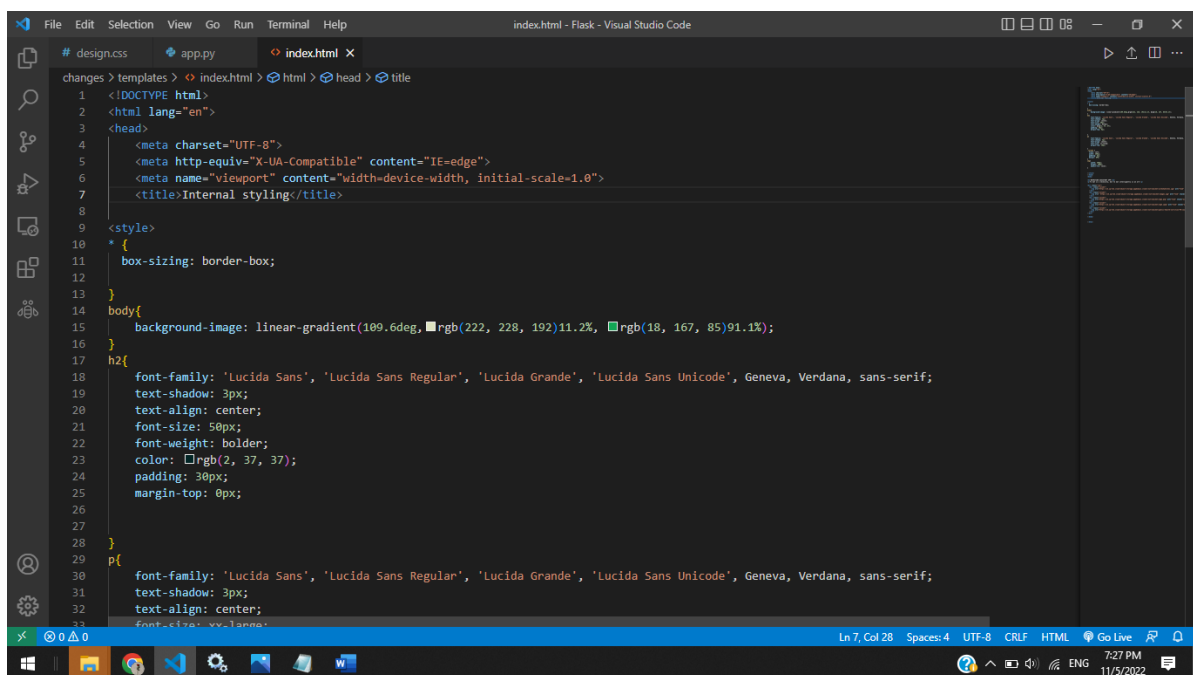
* Restarting with stat

* Debugger is active!

* Debugger PIN: 680-093-355

127.0.0.1 - - [05/Nov/2022 18:30:15] "GET / HTTP/1.1" 200 -

Index.html:



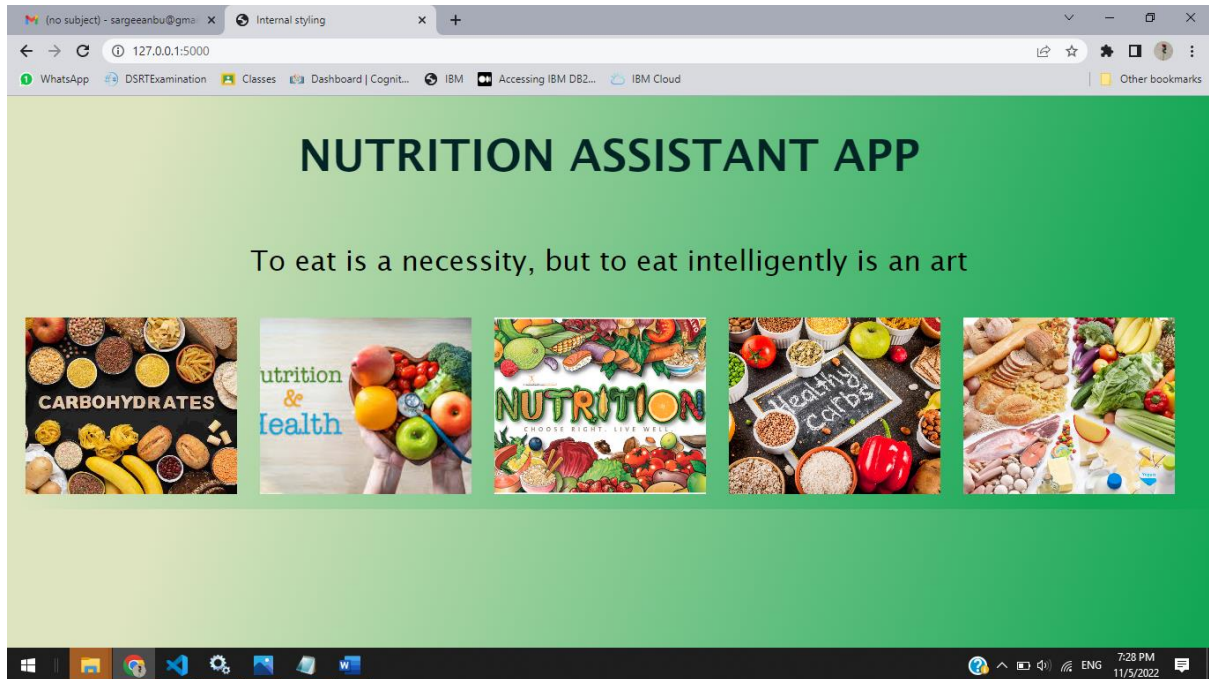
The screenshot shows the Visual Studio Code editor with the file `index.html` open. The code is an HTML document with a head section containing meta tags for charset, viewport, and title, and a body section with a style block and a paragraph.

```
# design.css  app.py  index.html  X
changes > templates > index.html > html > head > title
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>Internal styling</title>
8
9 <style>
10 {
11     box-sizing: border-box;
12 }
13
14 body{
15     background-image: linear-gradient(109.6deg, #222, 228, 192)11.2%, #18, 167, 85)91.1%);
16 }
17
18 h2{
19     font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
20     text-shadow: 3px;
21     text-align: center;
22     font-size: 50px;
23     font-weight: bolder;
24     color: #2, 37, 37);
25     padding: 30px;
26     margin-top: 0px;
27 }
28
29 p{
30     font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
31     text-shadow: 3px;
32     text-align: center;
33     font-size: xx-large;
```

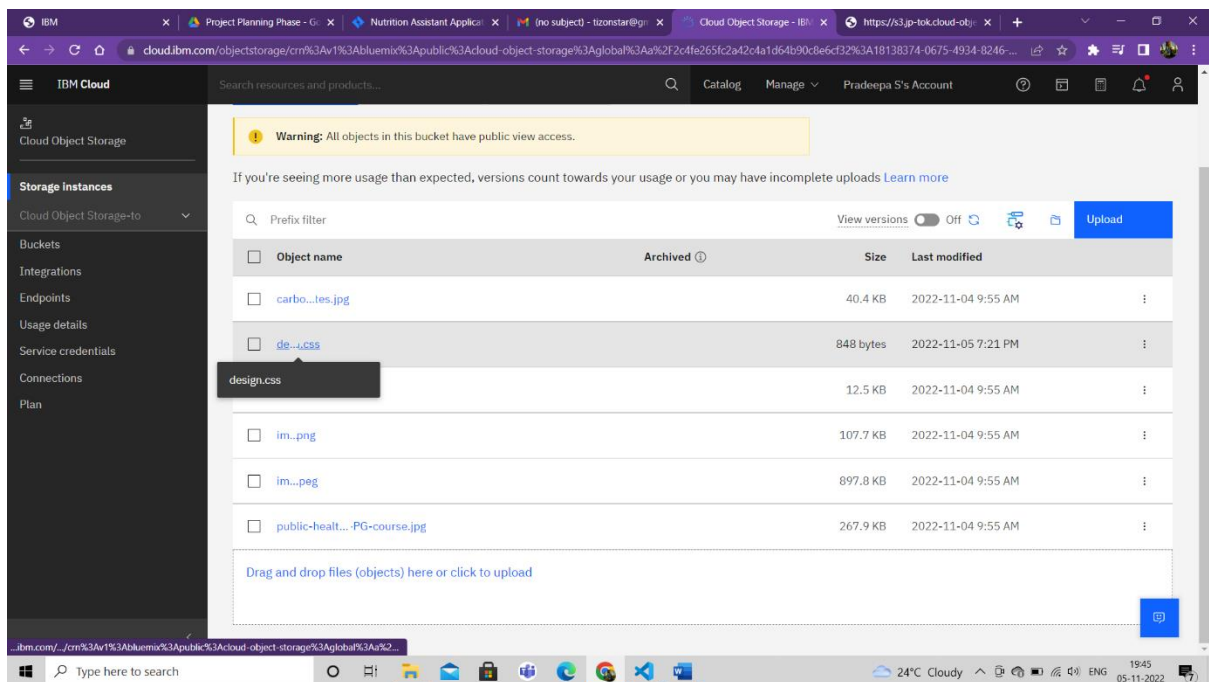
```
File Edit Selection View Go Run Terminal Help index.html - Flask - Visual Studio Code
# design.css app.py index.html X hello.html
changes > templates > index.html > html > body > div.row > div.column > img
26
27
28
29 p{
30     font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
31     text-shadow: 3px;
32     text-align: center;
33     font-size: xx-large;
34     margin-top: 10px;
35 }
36
37 .column {
38     float: left;
39     width: 250px;
40     padding: 5px;
41     margin: 8px;
42 }
43
44 img{
45     width: 350px;
46     height: 200px;
47     object-fit: cover;
48 }
49
50 </style>
51 </head>
52 <body>
53
54 <h2>NUTRITION ASSISTANT APP</h2>
55 <p>To eat is a necessity, but to eat intelligently is an art</p>
56
57 <div class="row">
```

```
File Edit Selection View Go Run Terminal Help index.html - Flask - Visual Studio Code
# design.css app.py index.html X hello.html
changes > templates > index.html > html > body > div.row > div.column > img
48
49
50 </style>
51 </head>
52 <body>
53
54 <h2>NUTRITION ASSISTANT APP</h2>
55 <p>To eat is a necessity, but to eat intelligently is an art</p>
56
57 <div class="row">
58     <div class="column">
59         
60     </div>
61     <div class="column">
62         
63     </div>
64     <div class="column">
65         
66     </div>
67     <div class="column">
68         
69     </div>
70     <div class="column">
71         
73 </div>
74
75 </body>
76
77
78 </html>
```

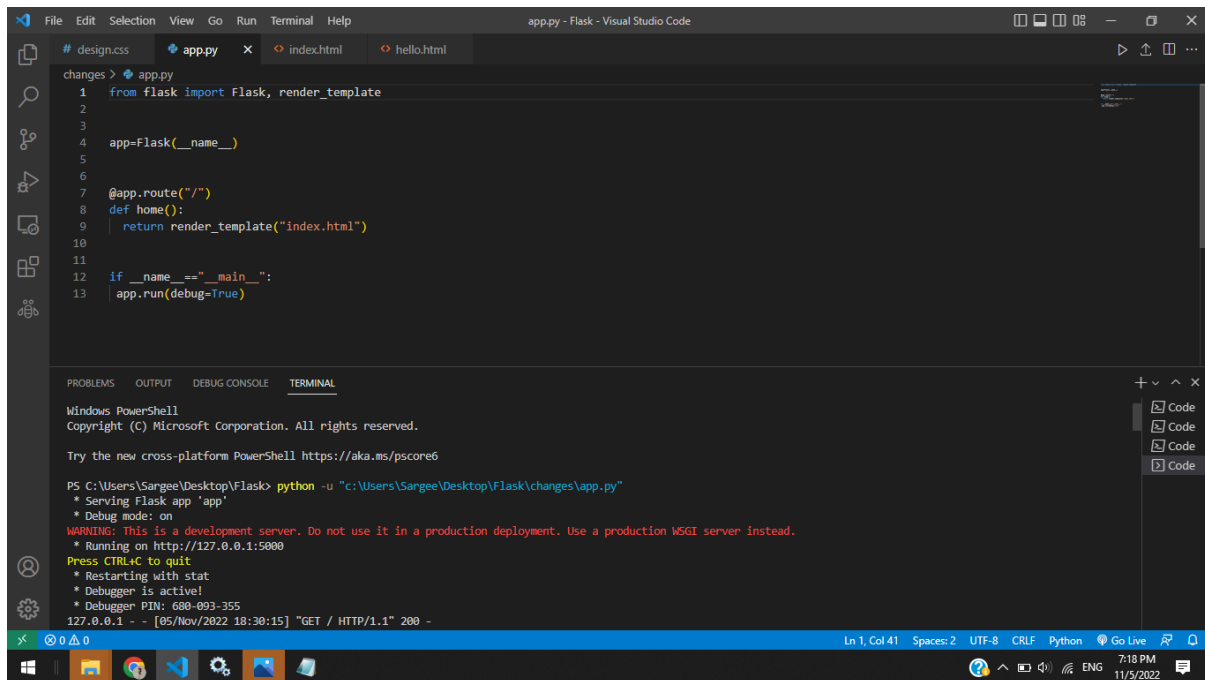
OUTPUT:



3.Upload a css page to the object storage and use the same page in your HTML code.



app.py



The screenshot shows the Visual Studio Code editor with the file 'app.py' open. The code is a Flask application that serves a single HTML template. The terminal window at the bottom shows the command to run the application and its output, including a warning about using a development server and the server's status.

```
changes > app.py
1 from flask import Flask, render_template
2
3
4 app=Flask(__name__)
5
6
7 @app.route("/")
8 def home():
9     return render_template("index.html")
10
11
12 if __name__ == "__main__":
13     app.run(debug=True)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

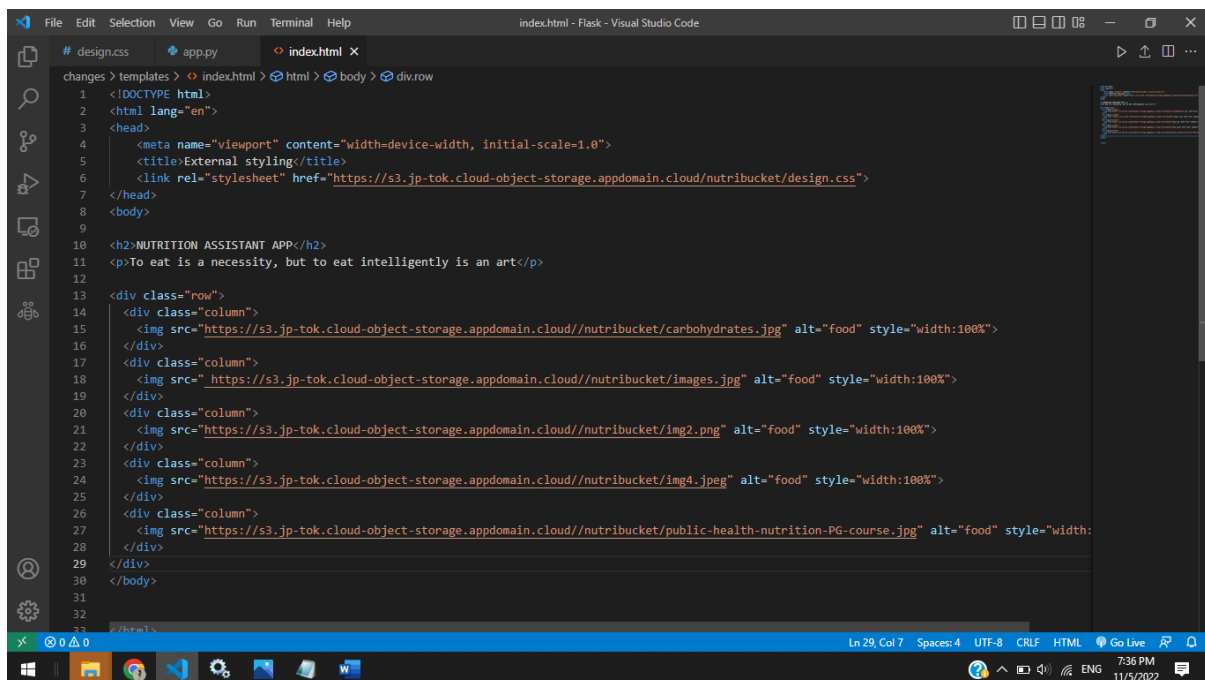
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Sargee\Desktop\Flask> python -u "c:\Users\Sargee\Desktop\Flask\changes\app.py"

* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 680-093-355
127.0.0.1 - - [05/Nov/2022 18:30:15] "GET / HTTP/1.1" 200 -

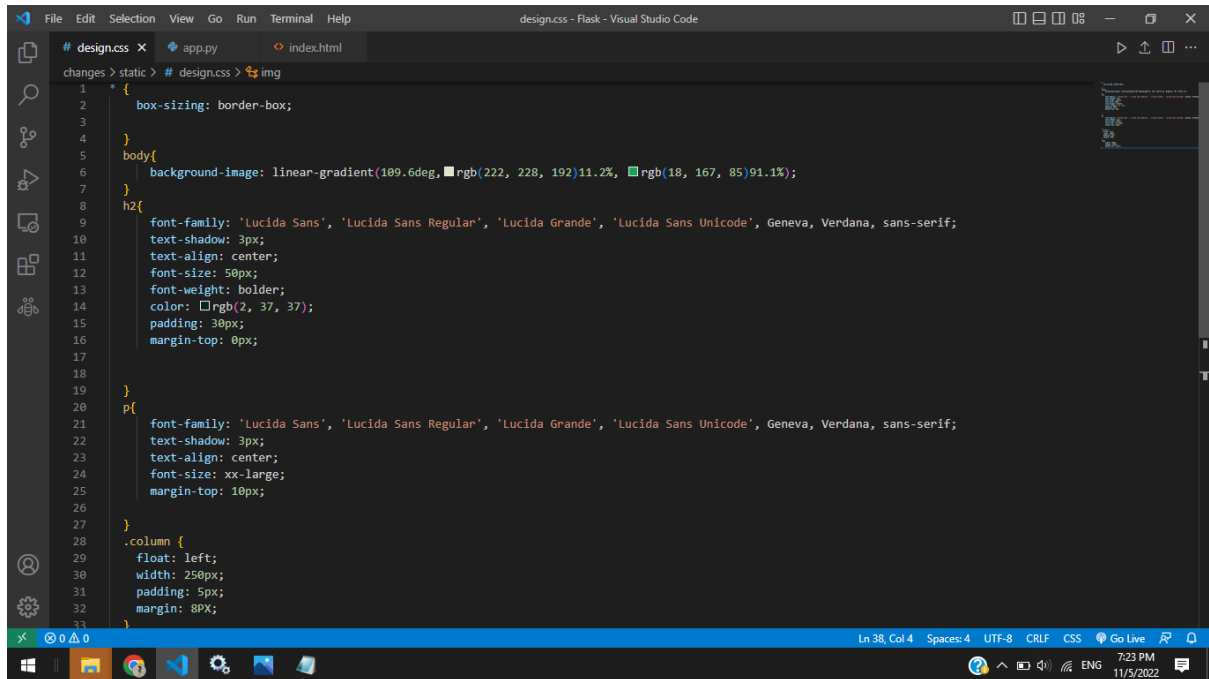
index.html



The screenshot shows the Visual Studio Code editor with the file 'index.html' open. The code is an HTML document that uses Bootstrap 5 to create a grid layout. It includes a title 'NUTRITION ASSISTANT APP' and a paragraph about eating intelligently. The main content area contains a grid of five images, each with a class 'col' and a width of 100%.

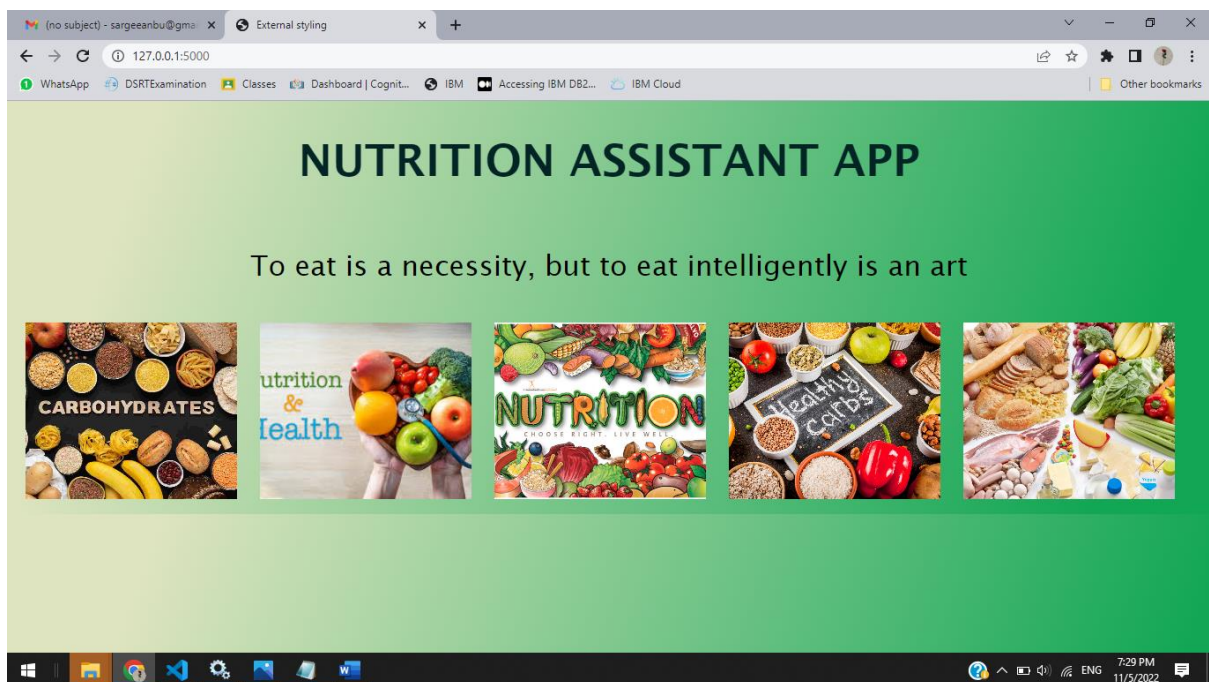
```
changes > templates > index.html > html > body > div.row
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta name="viewport" content="width=device-width, initial-scale=1.0">
5     <title>External styling</title>
6     <link rel="stylesheet" href="https://s3.jp-tok.cloud-object-storage.appdomain.cloud/nutribucket/design.css">
7 </head>
8 <body>
9
10 <h2>NUTRITION ASSISTANT APP</h2>
11 <p>To eat is a necessity, but to eat intelligently is an art</p>
12
13 <div class="row">
14     <div class="column">
15         
16     </div>
17     <div class="column">
18         
19     </div>
20     <div class="column">
21         
22     </div>
23     <div class="column">
24         
25     </div>
26     <div class="column">
27         
29 </div>
30 </body>
31
32
33 </html>
```

Design.css



```
1 *{
2   box-sizing: border-box;
3 }
4
5 body{
6   background-image: linear-gradient(109.6deg, rgb(222, 228, 192) 11.2%, rgb(18, 167, 85) 91.1%);
7 }
8 h2{
9   font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
10  text-shadow: 3px;
11  text-align: center;
12  font-size: 50px;
13  font-weight: bolder;
14  color: rgb(2, 37, 37);
15  padding: 30px;
16  margin-top: 0px;
17 }
18
19
20 p{
21   font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
22   text-shadow: 3px;
23   text-align: center;
24   font-size: xx-large;
25   margin-top: 10px;
26 }
27
28 .column {
29   float: left;
30   width: 250px;
31   padding: 5px;
32   margin: 8px;
33 }
```

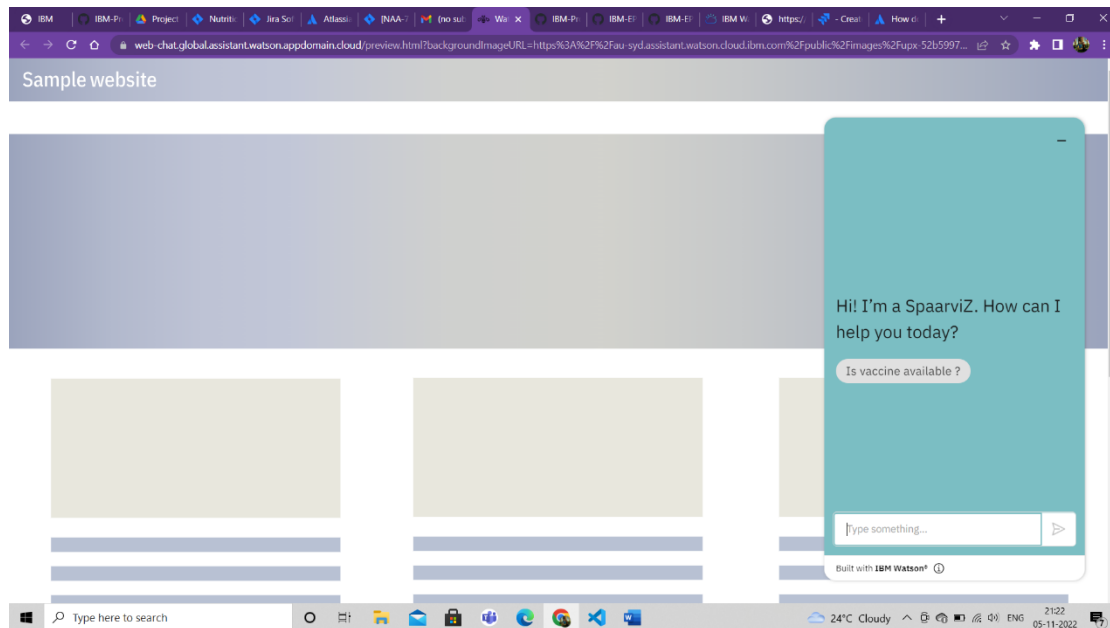
Output



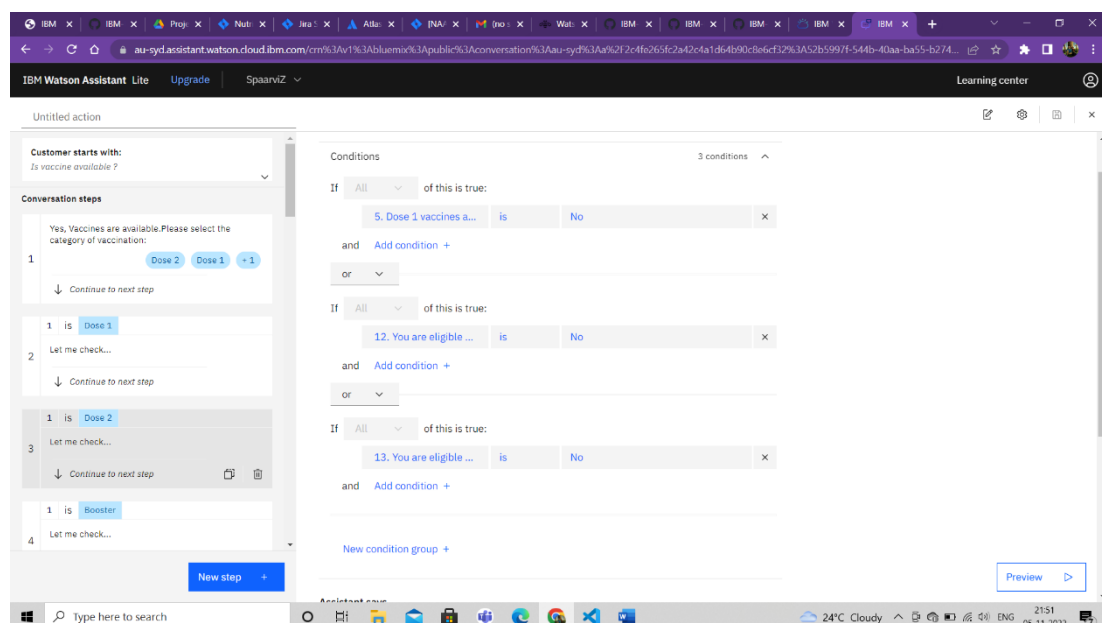
4.Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

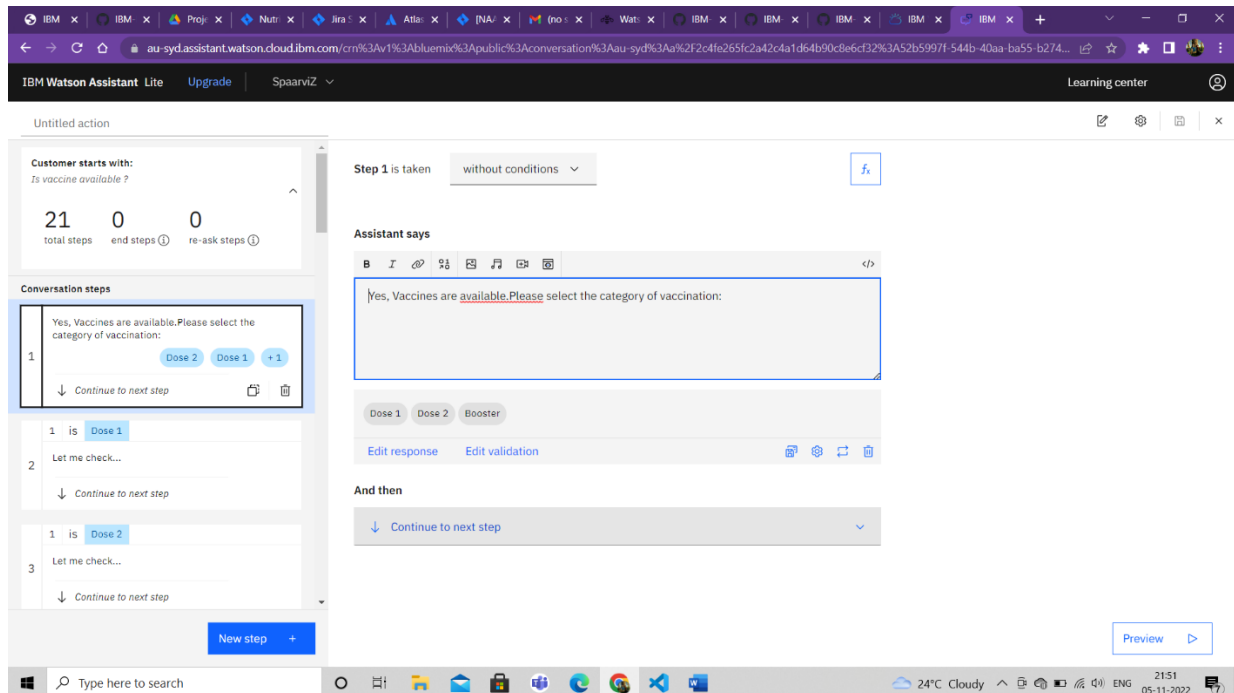
Chat bot link : [https://web-](https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-52b5997f-544b-40aa-ba55-b2747d950533%3A%3Aef8f4260-af4f-4939-8a64-b0c5d5fe9b55&integrationID=05aa50d8-b45b-428c-9afa-66bbbed6dcbf5®ion=au-syd&serviceInstanceID=52b5997f-544b-40aa-ba55-b2747d950533)

[chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-52b5997f-544b-40aa-ba55-b2747d950533%3A%3Aef8f4260-af4f-4939-8a64-b0c5d5fe9b55&integrationID=05aa50d8-b45b-428c-9afa-66bbbed6dcbf5®ion=au-syd&serviceInstanceID=52b5997f-544b-40aa-ba55-b2747d950533](https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-52b5997f-544b-40aa-ba55-b2747d950533%3A%3Aef8f4260-af4f-4939-8a64-b0c5d5fe9b55&integrationID=05aa50d8-b45b-428c-9afa-66bbbed6dcbf5®ion=au-syd&serviceInstanceID=52b5997f-544b-40aa-ba55-b2747d950533)

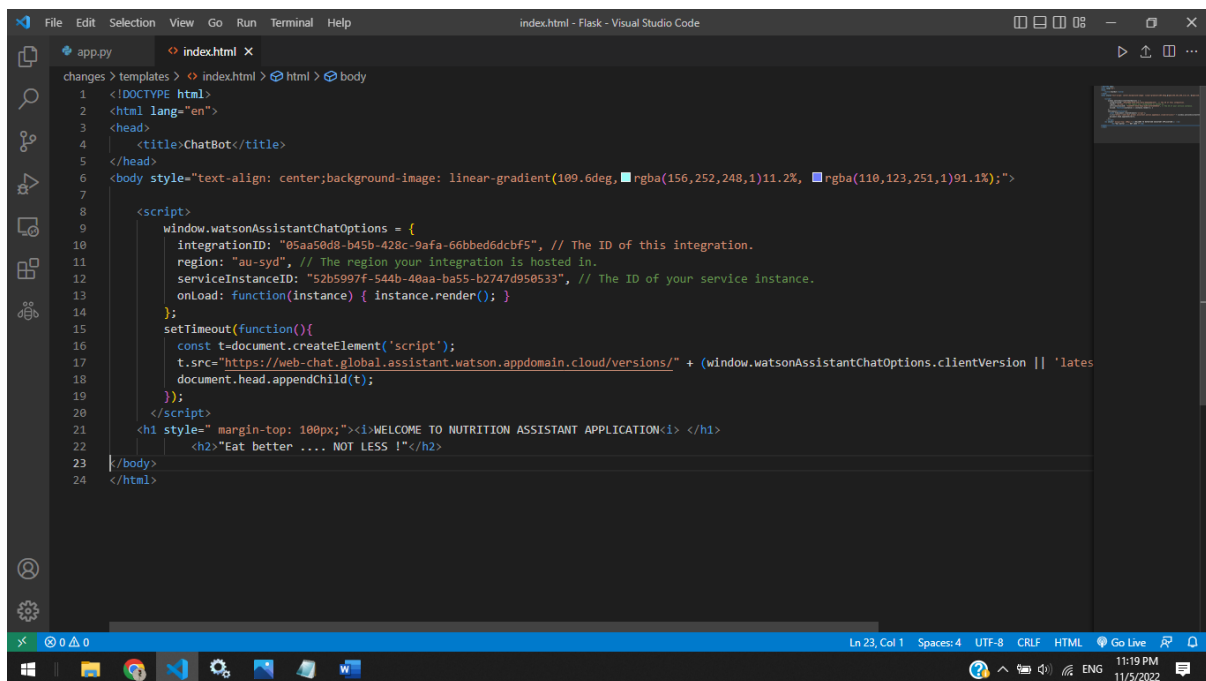


5.Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

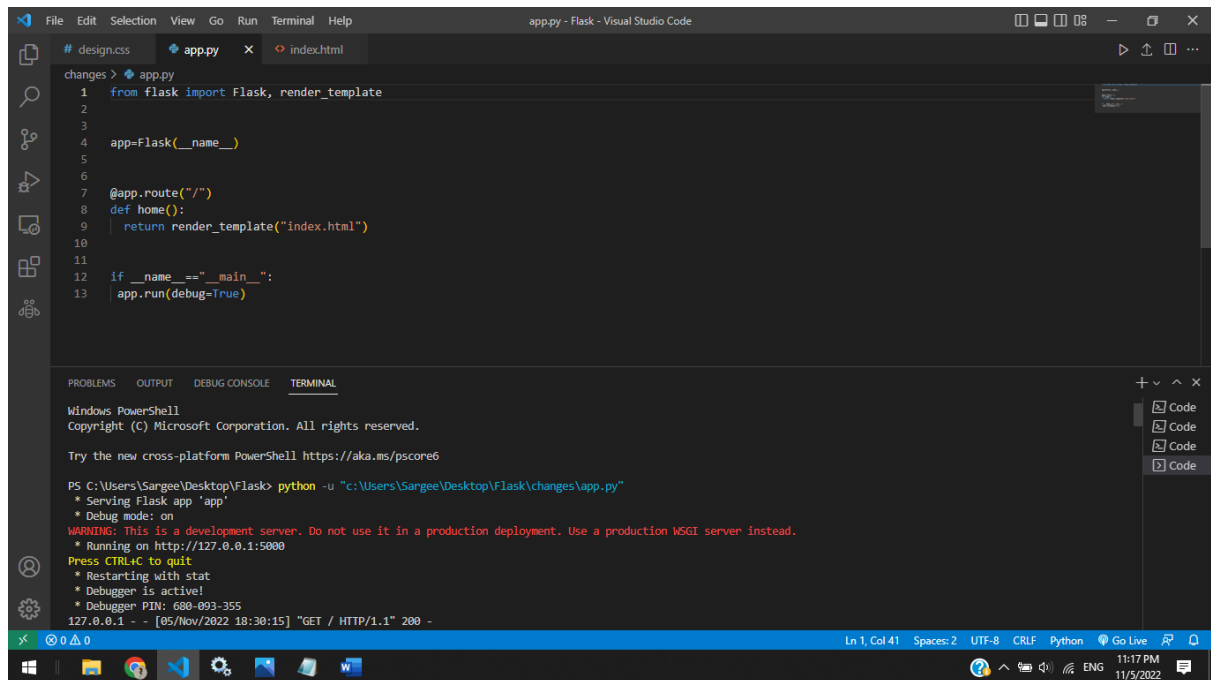




Index.html :



App.py :



The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code is a Flask application that imports `Flask` and `render_template`, creates an app instance, and defines a `home` route that renders `index.html`. The terminal at the bottom shows the command `python -u "c:\Users\Sargee\Desktop\Flask\changes\app.py"` being executed, which starts the Flask app on `http://127.0.0.1:5000`. The status bar at the bottom indicates the file is at line 1, column 41, and the Python interpreter is set to the local environment.

```
1 from flask import Flask, render_template
2
3
4 app=Flask(__name__)
5
6
7 @app.route("/")
8 def home():
9     return render_template("index.html")
10
11
12 if __name__=="__main__":
13     app.run(debug=True)
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Sargee\Desktop\Flask> python -u "c:\Users\Sargee\Desktop\Flask\changes\app.py"

* Serving Flask app 'app'

* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on <http://127.0.0.1:5000>

Press CTRL+C to quit

* Restarting with stat

* Debugger is active!

* Debugger PIN: 680-893-355

127.0.0.1 - - [05/Nov/2022 18:30:15] "GET / HTTP/1.1" 200 -

Output :

