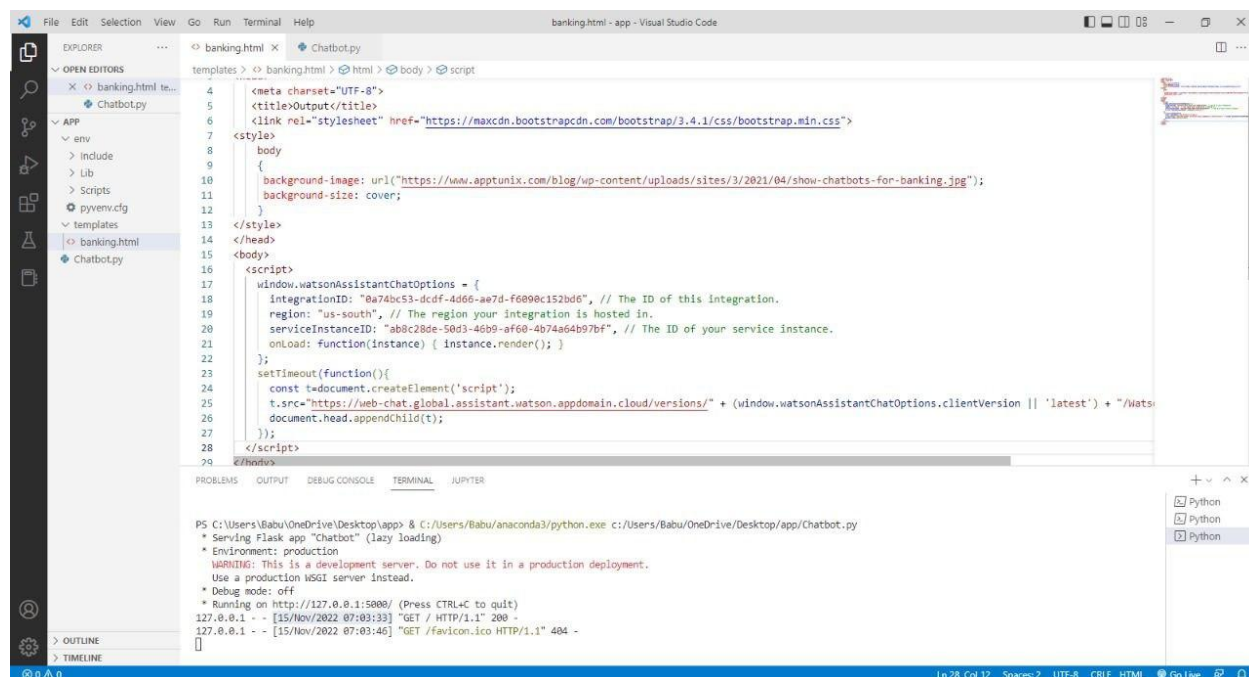


## 1. THIS IS OUR HTML CODE INTEGRATED WITH THE IBM WATSON ASSISTANT SCRIPT.

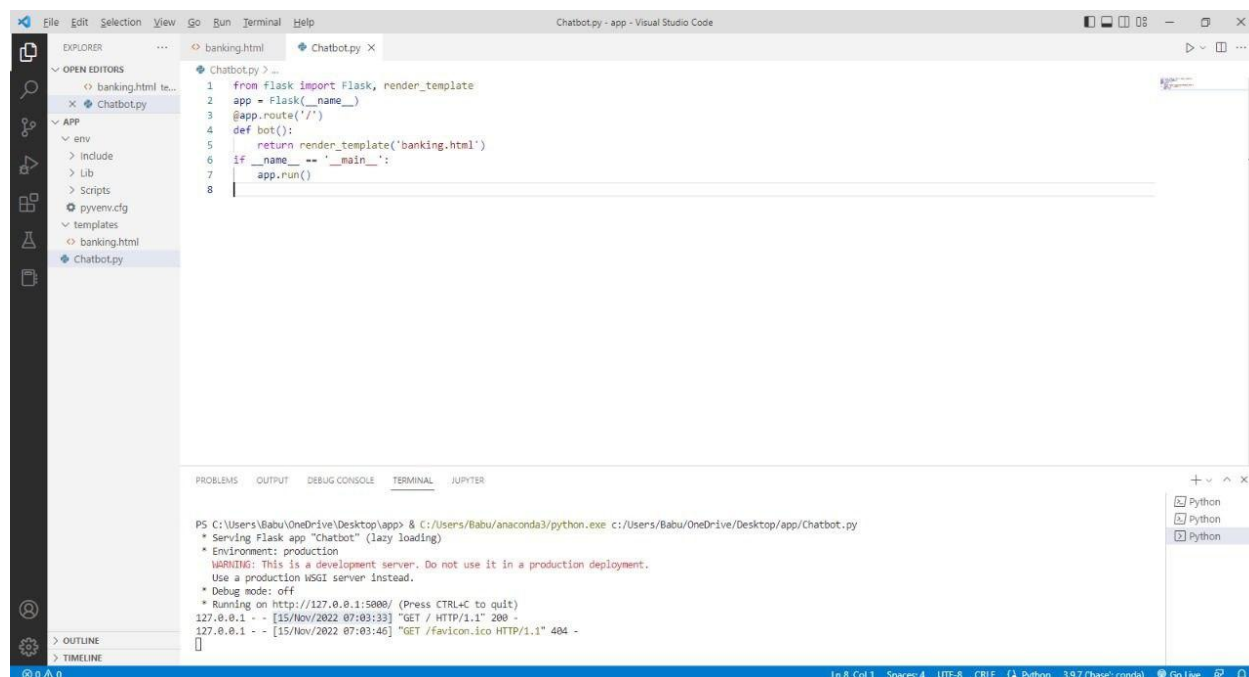


```
4 <meta charset="UTF-8">
5 <title>Output</title>
6 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
7 <style>
8   body
9   {
10     background-image: url("https://www.apptunix.com/blog/wp-content/uploads/sites/3/2021/04/show-chatbots-for-banking.jpg");
11     background-size: cover;
12   }
13 </style>
14 </head>
15 <body>
16   <script>
17     window.watsonAssistantChatOptions = {
18       integrationID: "8a74bc53-dcdf-4d66-ae7d-f609ec152bd6", // The ID of this integration.
19       region: "us-south", // The region your integration is hosted in.
20       serviceInstanceID: "ab8c28de-50d3-46b9-af60-4b74a64b97bf", // The ID of your service instance.
21       onLoad: function(instance) { instance.render(); }
22     };
23     setTimeout(function(){
24       const t=document.createElement('script');
25       t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChat.min.js";
26       document.head.appendChild(t);
27     });
28   </script>
29 </body>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

```
PS C:\Users\Babu\OneDrive\Desktop\app> & C:\Users\Babu\anaconda3\python.exe c:\Users\Babu\OneDrive\Desktop\app\Chatbot.py
* Serving Flask app "Chatbot" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [15/Nov/2022 07:03:33] "GET / HTTP/1.1" 200
127.0.0.1 - - [15/Nov/2022 07:03:46] "GET /favicon.ico HTTP/1.1" 404 -
```

## 2. THIS IS OUR PYTHON FLASK CODE OF CHATBOT OF DISCOURSE BANKING, NOW WE HAVE TO RUN THIS CODE USING VIRTUAL ENVIRONMENT IN COMMAND PROMPT/ VS CODE.

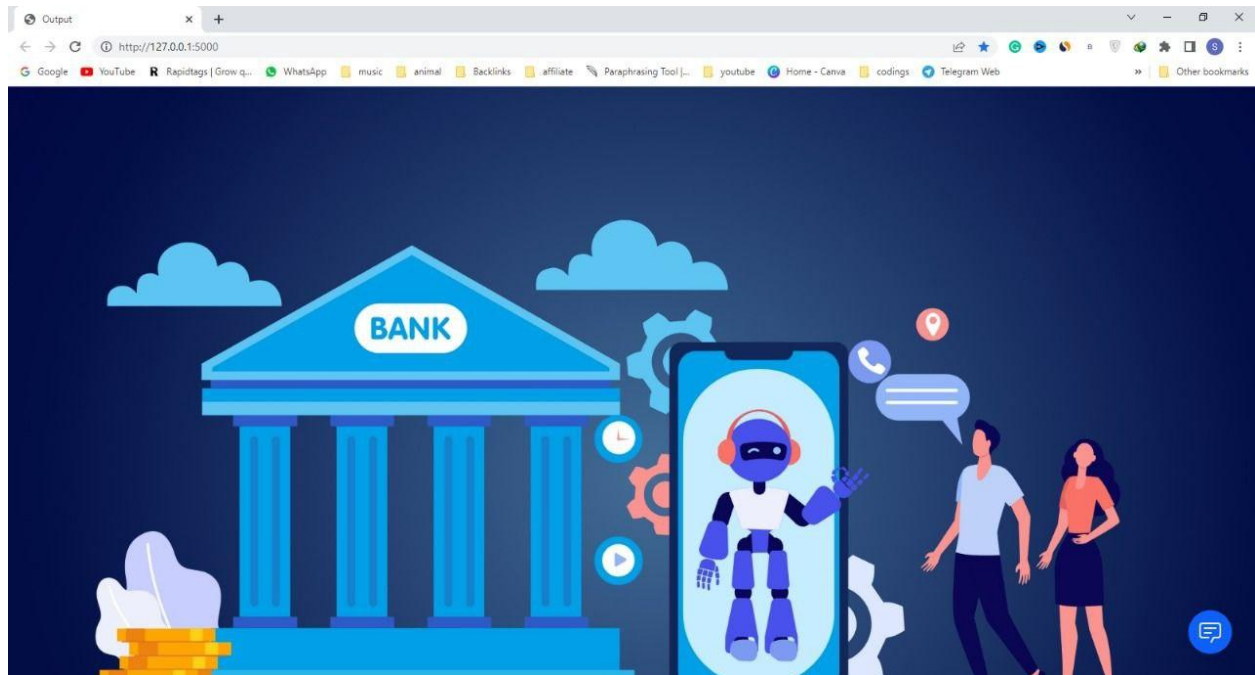


```
1 from flask import Flask, render_template
2 app = Flask(__name__)
3 @app.route('/')
4 def bot():
5     return render_template('banking.html')
6 if __name__ == "__main__":
7     app.run()
```

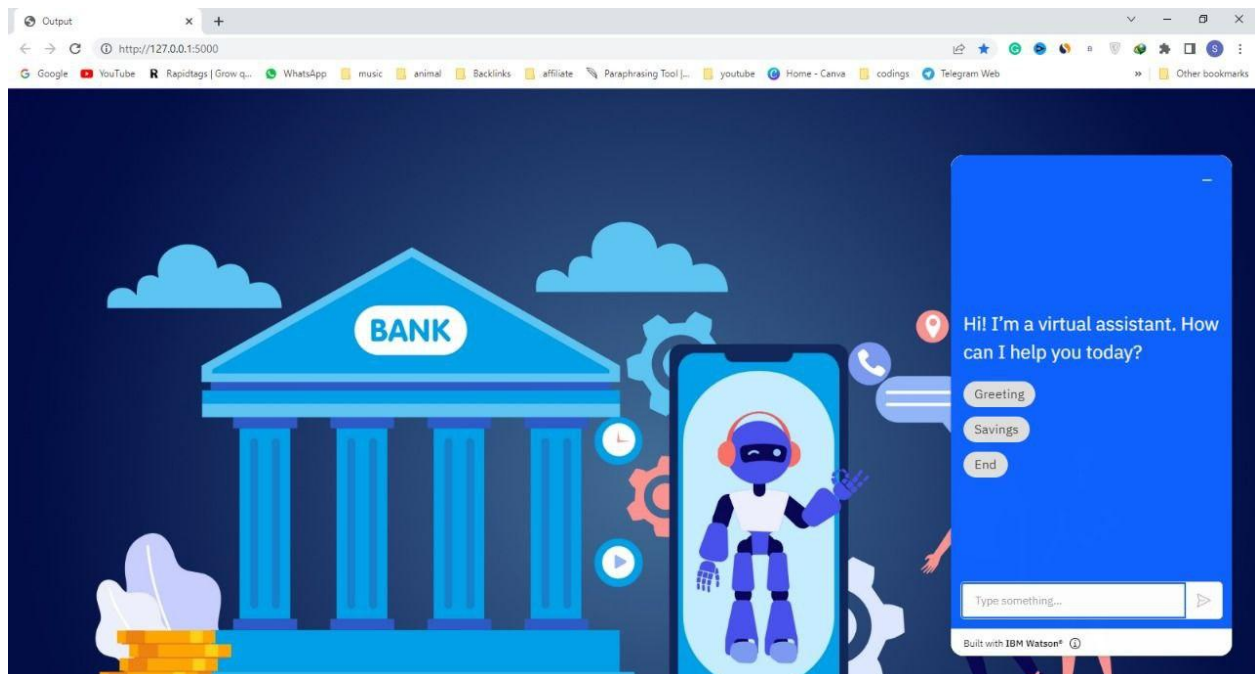
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

```
PS C:\Users\Babu\OneDrive\Desktop\app> & C:\Users\Babu\anaconda3\python.exe c:\Users\Babu\OneDrive\Desktop\app\Chatbot.py
* Serving Flask app "Chatbot" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [15/Nov/2022 07:03:33] "GET / HTTP/1.1" 200
127.0.0.1 - - [15/Nov/2022 07:03:46] "GET /favicon.ico HTTP/1.1" 404 -
```

3. AFTER RUNNING THIS CODE THERE GENERATES A LOCAL SERVER , COPY AND PASTE THE SERVER NUMBER IN ANY BROWSER , THEN ITS GENERATES A SCREEN LIKE BELOW.



4. YOU'LL SEE THE CHAT ICON AT THE BOTTOM RIGHT CORNER ,CLICK THERE AND A SMALL POP-UP SCREEN WILL APPEAR, THE CHATBOT GREETES YOU AND THEN REGREET THAT BOT THEN START TYPING YOUR QUERIES THERE.



5. THE BOT WILL REPLY LIKE THIS AS SHOWN BELOW.

