

PROJECT DEVELOPMENT PHASE

SPRINT - 4

Date	14 November 2022
Team ID	PNT2022TMID48901
Project Name	AI based Discourse for Banking Industry

Build Python Code :

1: Importing Libraries

The first step is usually importing the libraries that will be needed in the program.

from flask import Flask, render_template

Importing the flask module into the project is mandatory. An object of the Flask class is our WSGI application. Flask constructor takes the name of the current module (`__name__`).

2. Creating our flask application and loading

app = Flask(__name__)

3. Routing to the html page

Here, the declared constructor is used to route to the HTML page created earlier.

@app.route('/')

def home():

return render_template('index.html')

The '/' route is bound with the bot function. Hence, when the home page of a web server is opened in the browser, the HTML page will be rendered.

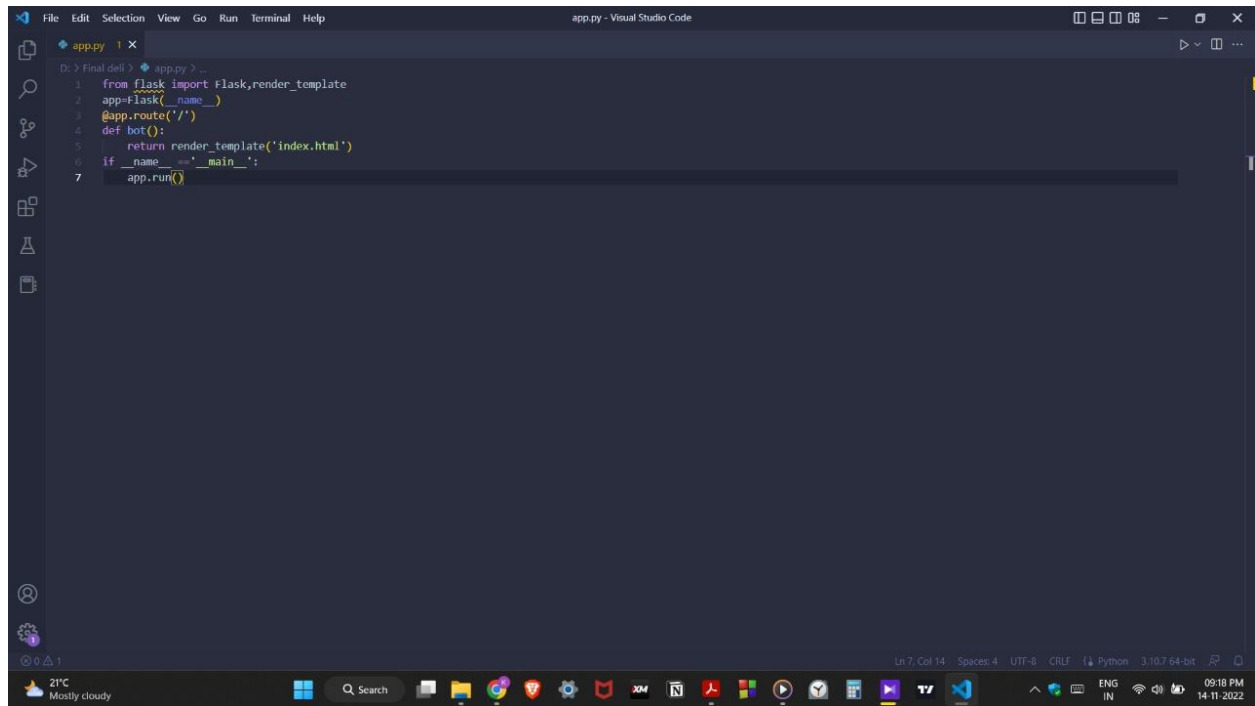
4. Main Function

This is used to run the application in localhost.

if __name__ == '__main__':

app.run()

Preview of the page



The image shows a screenshot of the Visual Studio Code editor interface. The main editor window displays a Python file named `app.py` with the following code:

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

The code is written in a dark-themed editor. The left sidebar shows the Explorer view with a file named `app.py`. The bottom status bar indicates the current line and column (Ln 7, Col 14), the encoding (UTF-8), the line ending (CRLF), the Python interpreter (Python 3.10.7 64-bit), and the system status (21°C, Mostly cloudy). The Windows taskbar is visible at the bottom, showing various application icons and the system clock (09:18 PM, 14-11-2022).