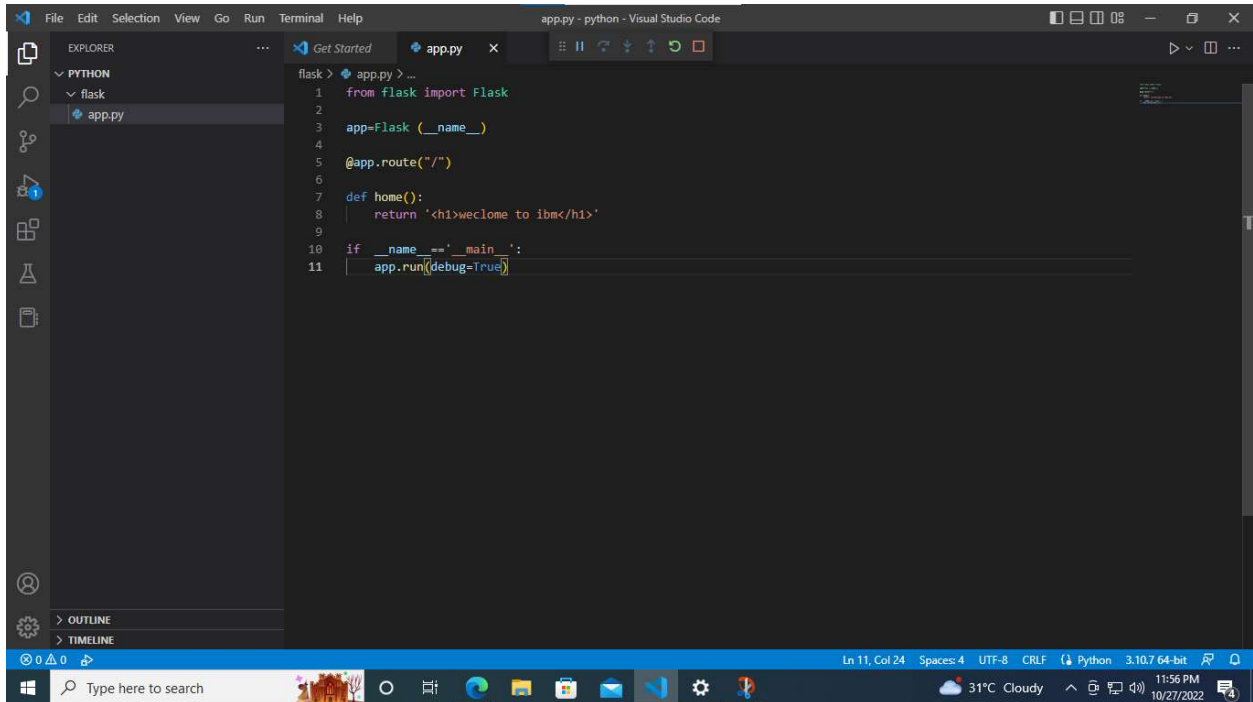


SETTING UP APPLICATION ENVIRONMENT

Create flask project:

App.py

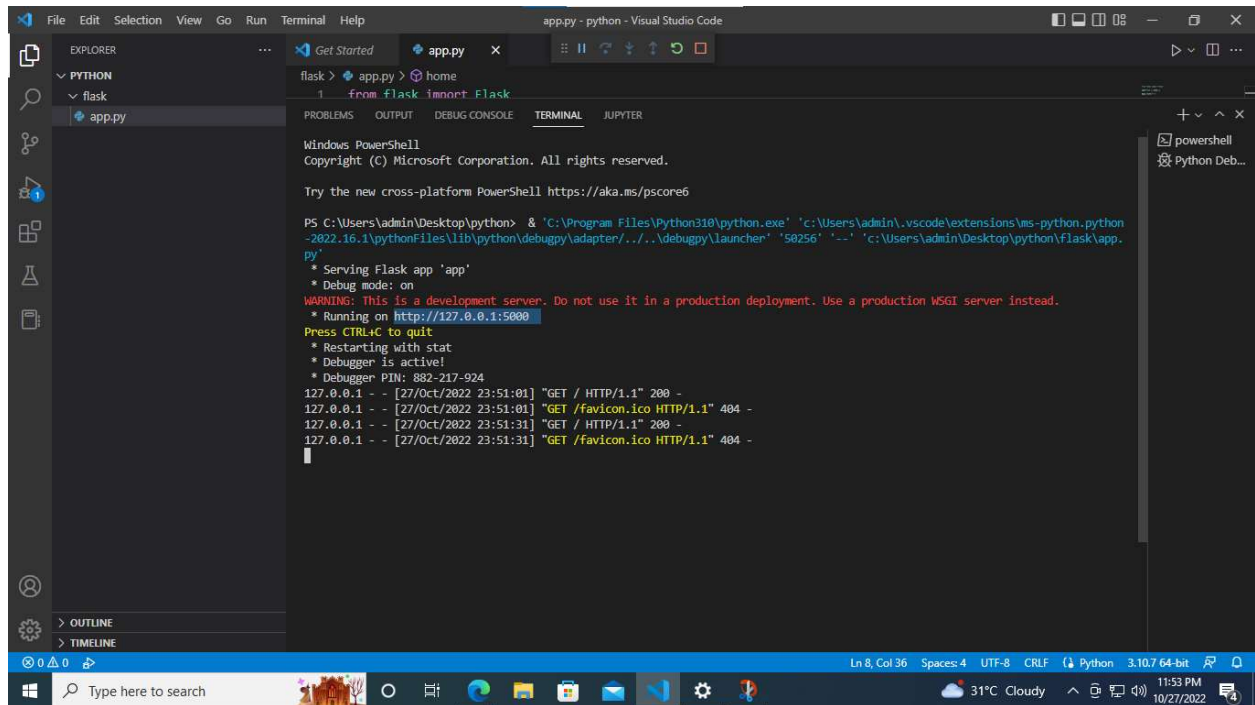


The screenshot shows the Visual Studio Code interface with a Python project named 'flask' open. The Explorer sidebar on the left shows the project structure with 'app.py' selected. The main editor window displays the code for 'app.py', which is a simple Flask application. The code includes imports for Flask, initialization of the app, a route for the root path, a home function, and a main block to run the app in debug mode.

```
1 from flask import Flask
2
3 app=Flask(__name__)
4
5 @app.route("/")
6
7 def home():
8     return '<h1>welcome to ibm</h1>'
9
10 if __name__=="__main__":
11     app.run(debug=True)
```

The status bar at the bottom indicates the current line and column (Ln 11, Col 24), the encoding (UTF-8), the line ending (CRLF), the Python version (3.10.7 64-bit), and the system clock (11:56 PM, 10/27/2022).

Flask:



The screenshot shows the Visual Studio Code interface with a Python file named `app.py` open. The file contains the following code:

```
flask > app.py > home
1 from flask import Flask
```

The terminal window displays the output of running the application. It shows the Windows PowerShell prompt, the command to run the application, and the resulting output. The output indicates that the application is running on `http://127.0.0.1:5000` and is serving the Flask app 'app'. The terminal also shows the status of the application, including the debug mode, the restart command, and the active debugger. The terminal output includes the following lines:

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

PS C:\Users\admin\Desktop\python> & 'c:\Program Files\Python310\python.exe' 'c:\Users\admin\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50256' '--' 'c:\Users\admin\Desktop\python\flask\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: 882-217-924
127.0.0.1 - - [27/Oct/2022 23:51:01] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [27/Oct/2022 23:51:01] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [27/Oct/2022 23:51:31] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [27/Oct/2022 23:51:31] "GET /favicon.ico HTTP/1.1" 404 -
```

The status bar at the bottom of the window shows the current line and column (Ln 8, Col 36), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), the Python version (3.10.7 64-bit), and the system clock (11:53 PM, 10/27/2022).

Output for flask:



weclome to ibm

