

PLASMA DONOR APPLICATION



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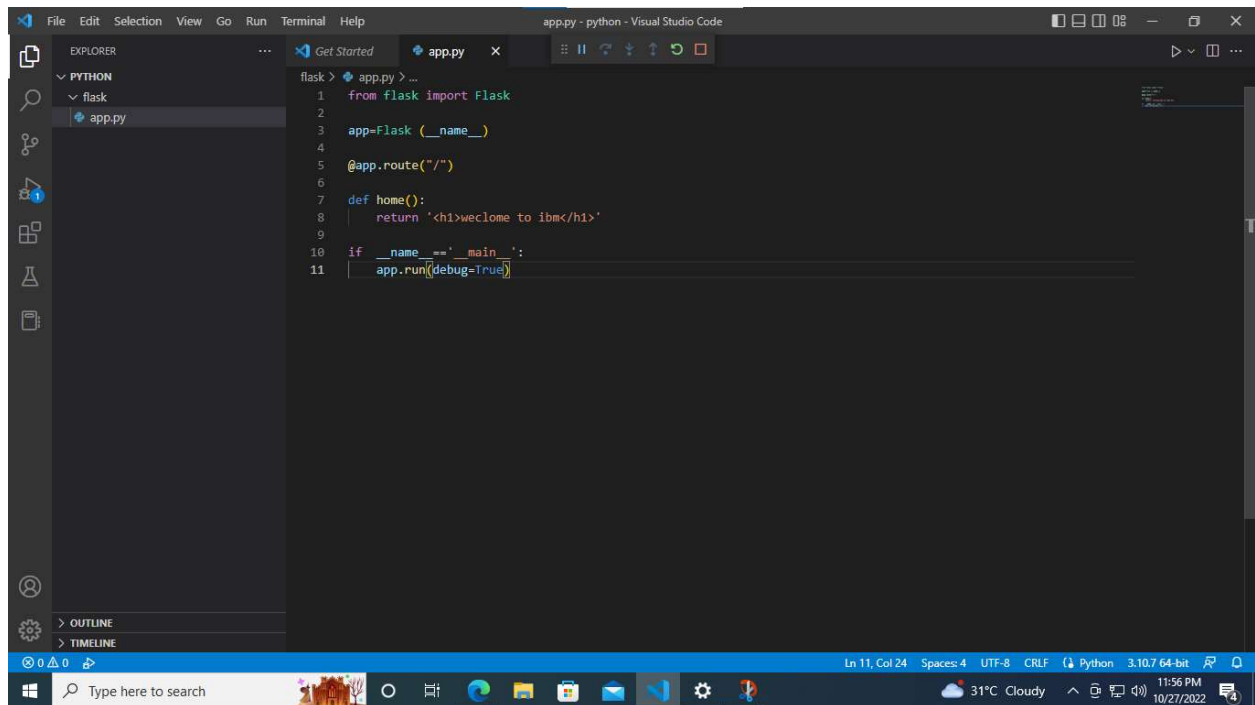
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SETTING UP APPLICATION ENVIRONMENT

Create flask project:

App.py

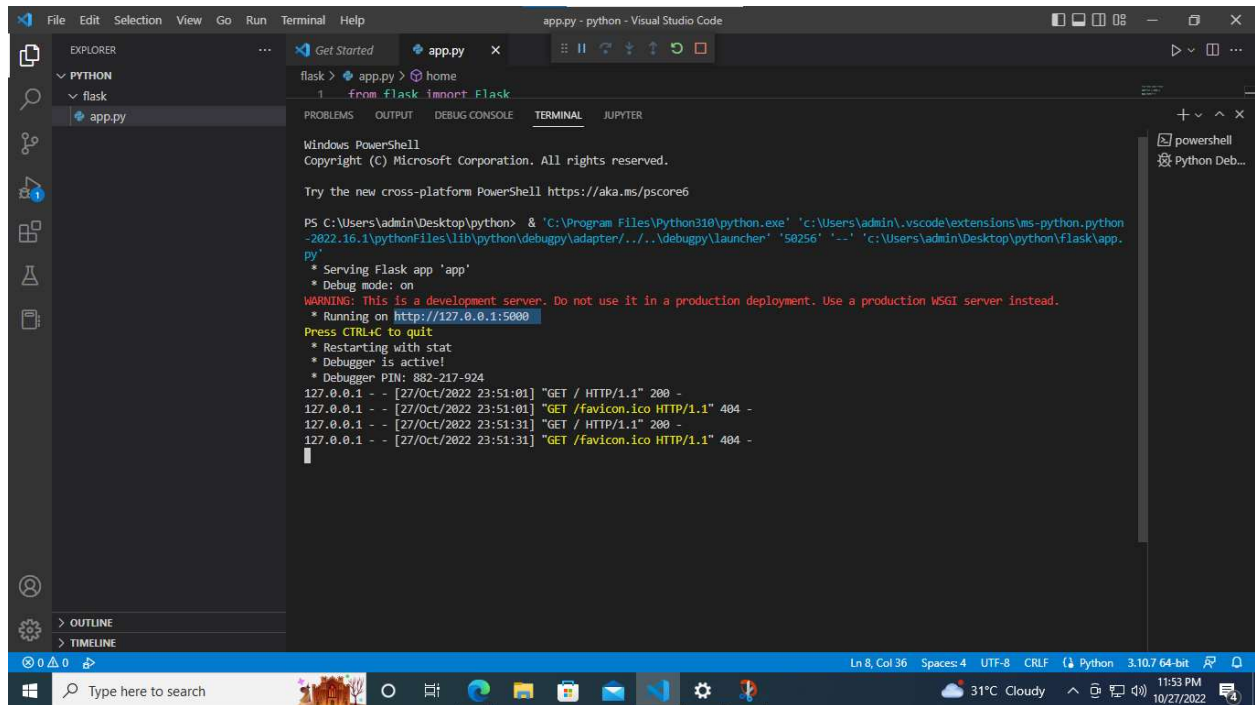


The screenshot shows the Visual Studio Code editor with a Python project named 'flask' open. The file explorer on the left shows the project structure: 'PYTHON' > 'flask' > 'app.py'. The main editor window displays the code for 'app.py'.

```
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 Explorer sidebar on the left shows the file structure with `app.py` selected. The main editor area displays the code for `app.py`, which imports `Flask` from the `flask` module. The TERMINAL panel at the bottom shows the command prompt output, indicating that the Flask application is running on `http://127.0.0.1:5000`. The output includes a warning about using a development server, the URL to run the app, and a list of HTTP requests and responses.

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

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 -
```

Output for flask:



weclome to ibm



