ADVANCED PYTHON PROGRAMMING

NAME:VARSHITHA.V **REG.NO:22MID0105**

SLOT:L7+L8+L27+L28

FLASK:

Open vs code create new folder as flask

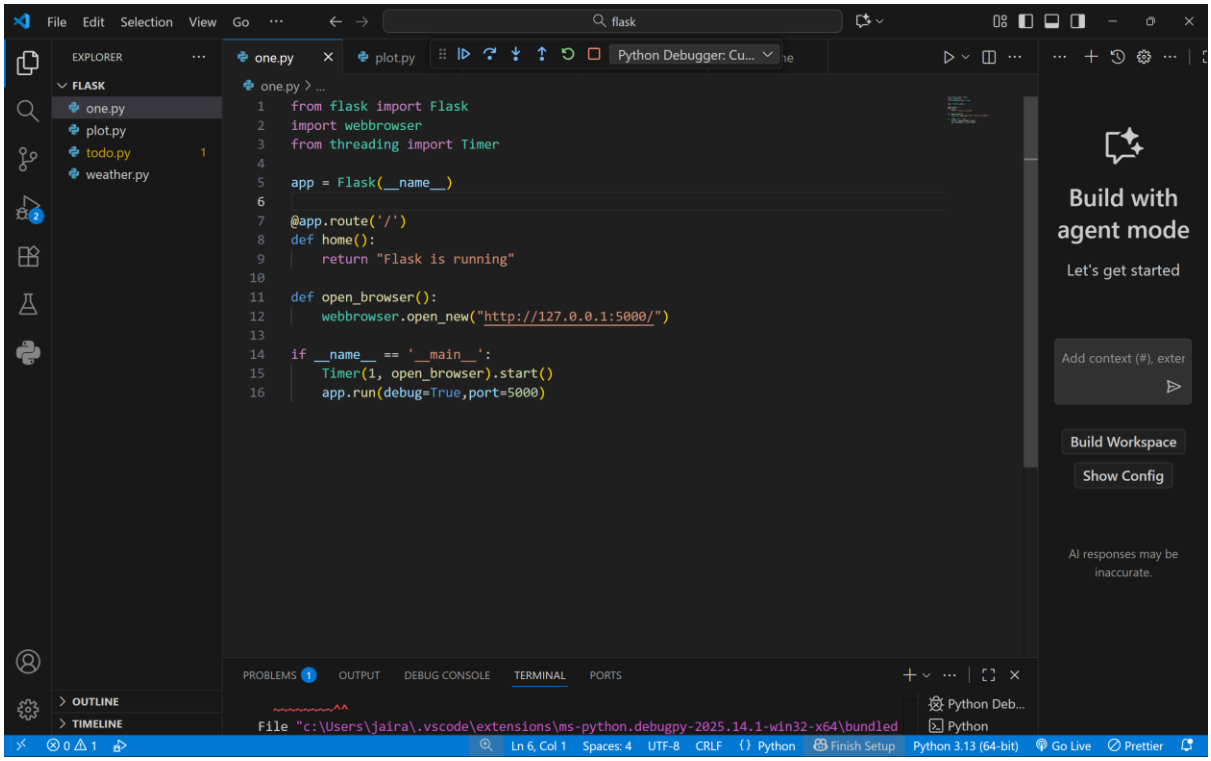
Then in that folder create new files ,

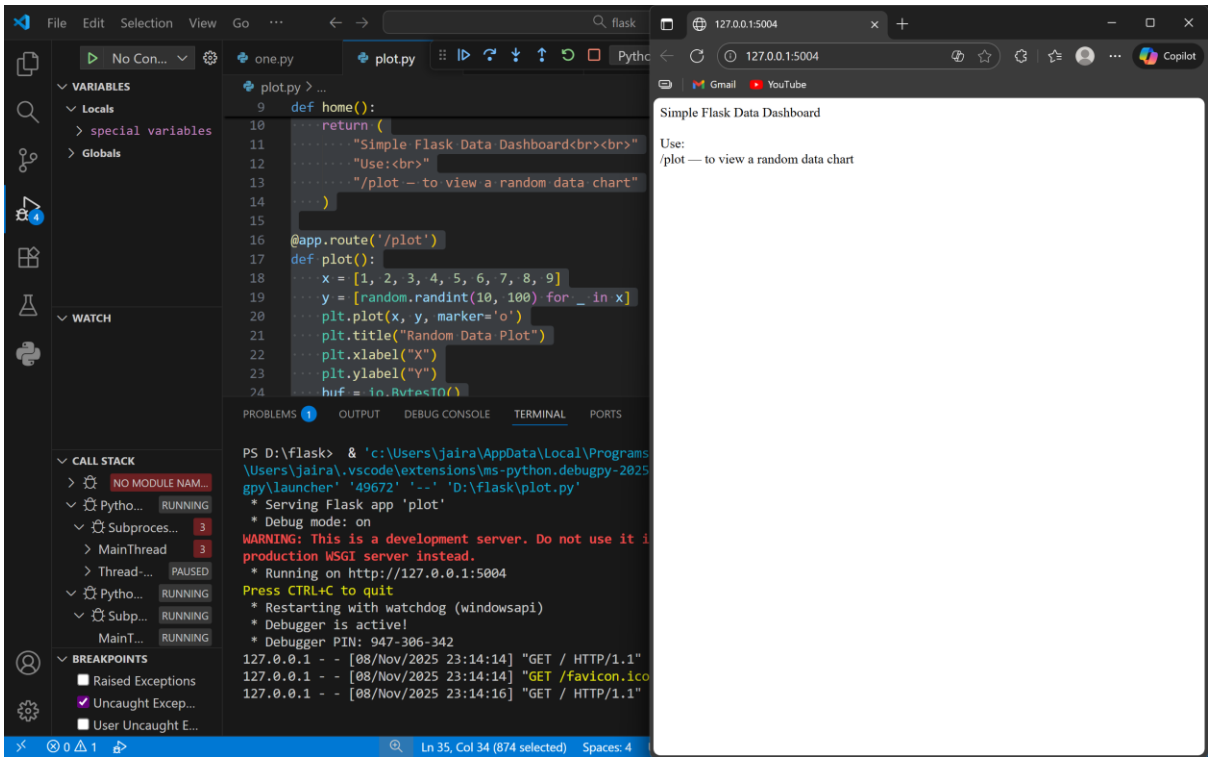
One.py:

plot.py:

todo.py:

weather.py:




File Edit Selection View Go
flask
No Con...
one.py
plot.py
plot.py > ...
def home():
return (
"Simple Flask Data Dashboard

"
"Use:
"
"/plot — to view a random data chart"
)
@app.route('/plot')
def plot():
x = [1, 2, 3, 4, 5, 6, 7, 8, 9]
y = [random.randint(10, 100) for _ in x]
plt.plot(x, y, marker='o')
plt.title("Random Data Plot")
plt.xlabel("X")
plt.ylabel("Y")
VARIABLES
Locals
special variables
Globals
WATCH
CALL STACK
BREAKPOINTS
Raised Exceptions
Uncaught Excep...
User Uncaught E...
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS D:\flask> & 'c:\Users\jaira\AppData\Local\Programs
\Users\jaira\.vscode\extensions\ms-python.debugpy-2025
gpy\launcher' '49672' '--' 'D:\flask\plot.py'
* Serving Flask app 'plot'
* Debug mode: on
WARNING: This is a development server. Do not use it i
production WSGI server instead.
* Running on http://127.0.0.1:5004
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 947-306-342
127.0.0.1 - - [08/Nov/2025 23:14:14] "GET / HTTP/1.1"
127.0.0.1 - - [08/Nov/2025 23:14:14] "GET /favicon.ico
127.0.0.1 - - [08/Nov/2025 23:14:16] "GET / HTTP/1.1"
Ln 35, Col 34 (874 selected)
Spaces: 4
127.0.0.1:5004
Copilot
Gmail
YouTube
Simple Flask Data Dashboard
Use:
/plot — to view a random data chart