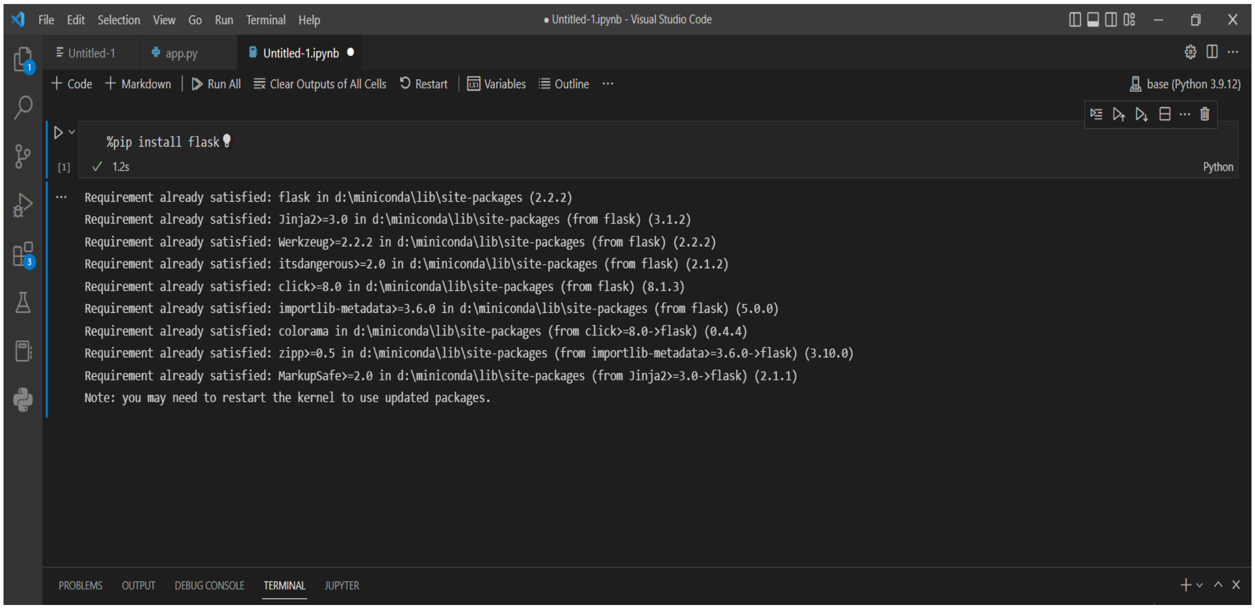
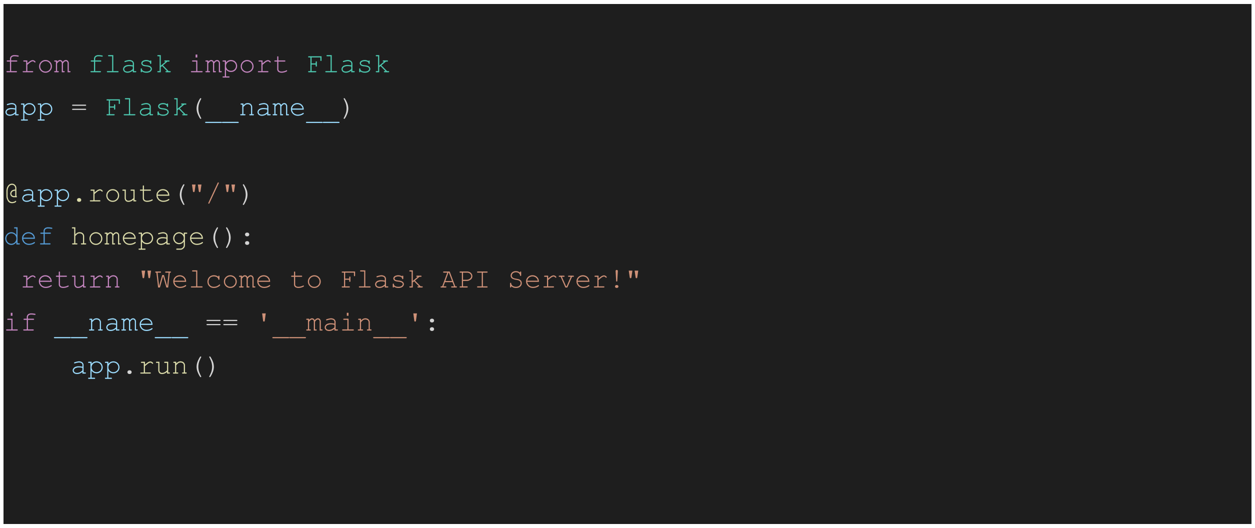
IMPLEMENTING WEB APPLICATION
CREATING APIs IN FLASK

Date	12 November 2022
Team ID	PNT2022TMID35589
Project Name	Containment Zone Alerting Application



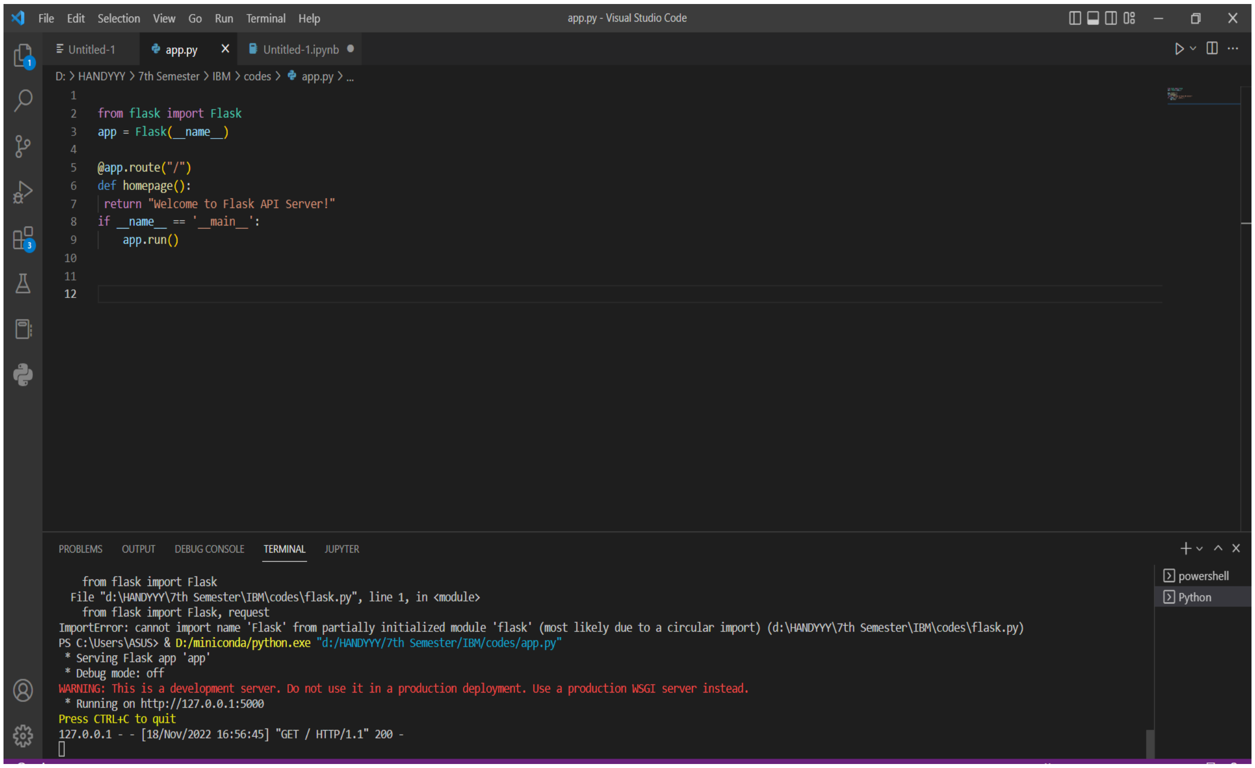
```
%pip install flask
[1] ✓ 1.2s
```

```
Requirement already satisfied: flask in d:\miniconda\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in d:\miniconda\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in d:\miniconda\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in d:\miniconda\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in d:\miniconda\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: importlib-metadata>=3.6.0 in d:\miniconda\lib\site-packages (from flask) (5.0.0)
Requirement already satisfied: colorama in d:\miniconda\lib\site-packages (from click>=8.0->flask) (0.4.4)
Requirement already satisfied: zipp>=0.5 in d:\miniconda\lib\site-packages (from importlib-metadata>=3.6.0->flask) (3.10.0)
Requirement already satisfied: MarkupSafe>=2.0 in d:\miniconda\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
Note: you may need to restart the kernel to use updated packages.
```



```
from flask import Flask
app = Flask(__name__)

@app.route("/")
def homepage():
 return "Welcome to Flask API Server!"
if __name__ == '__main__':
    app.run()
```


File Edit Selection View Go Run Terminal Help
app.py - Visual Studio Code
Untitled-1
app.py
Untitled-1.ipynb
D: > HANDYYY > 7th Semester > IBM > codes > app.py > ...
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
powershell
Python

```python

from flask import Flask
app = Flask(__name__)

@app.route("/")
def homepage():
 return "Welcome to Flask API Server!"
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    app.run()


```
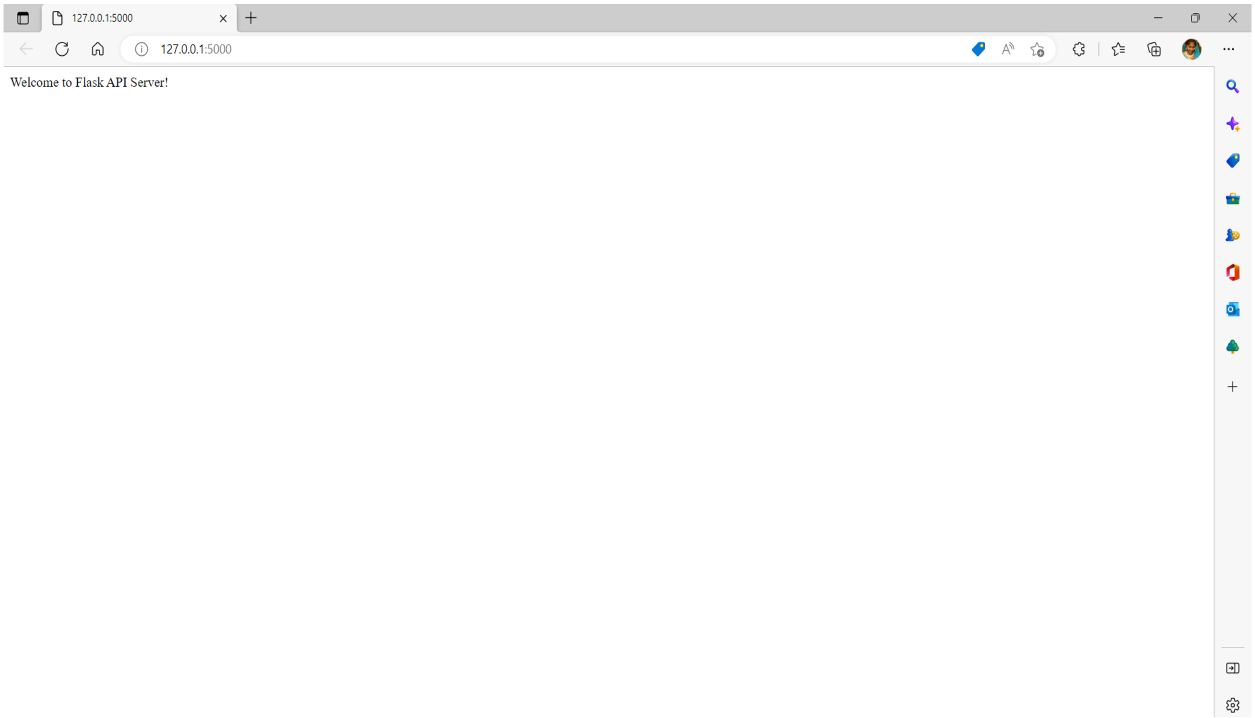

```
    from flask import Flask
  File "d:\HANDYYY\7th Semester\IBM\codes\flask.py", line 1, in <module>
    from flask import Flask, request
ImportError: cannot import name 'Flask' from partially initialized module 'flask' (most likely due to a circular import) (d:\HANDYYY\7th Semester\IBM\codes\flask.py)
PS C:\Users\ASUS> & D:/miniconda/python.exe "d:/HANDYYY/7th Semester/IBM/codes/app.py"
 * Serving Flask app 'app'
 * Debug mode: off
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
127.0.0.1 - - [18/Nov/2022 16:56:45] "GET / HTTP/1.1" 200 -
```



Welcome to Flask API Server!