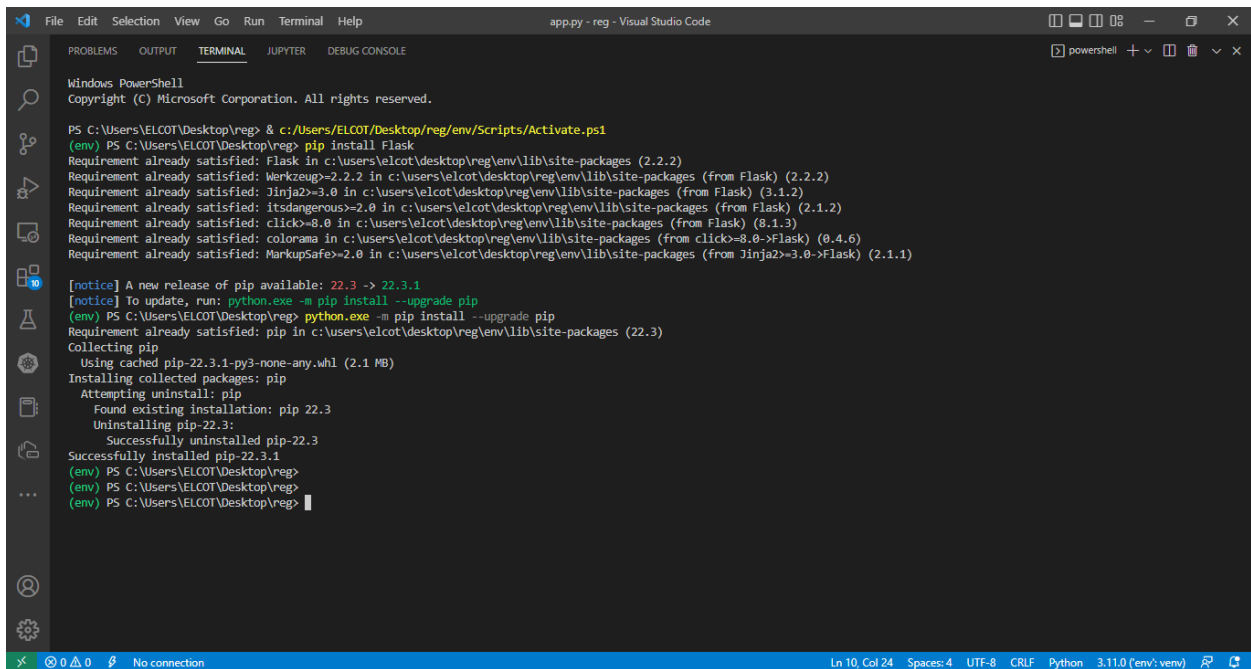


SETTING UP APPLICATION ENVIRONMENT

FLASK CREATION

TEAM ID	PNT2022TMID40517
TEAM LEAD	M. YASVANTHINI
TEAM MEMBER 1	M. YOGALAKSHUMI
TEAM MEMBER 1	R.SINDHU
TEAM MEMBER 1	U. DIVYA

Flask installation



```
File Edit Selection View Go Run Terminal Help
app.py - reg - Visual Studio Code

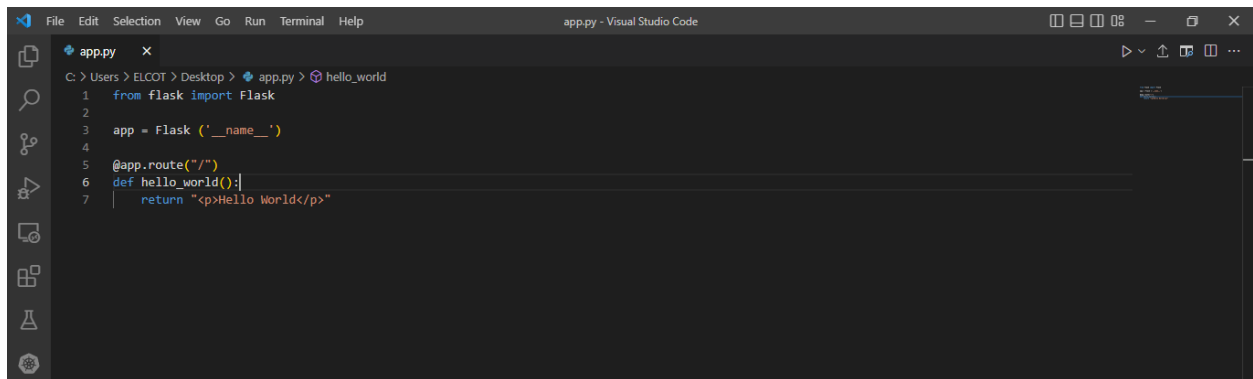
PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE
powershell + - - - - -

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\ELCOT\Desktop> & c:/Users/ELCOT/Desktop/reg/env/Scripts/Activate.ps1
(env) PS C:\Users\ELCOT\Desktop> pip install Flask
Requirement already satisfied: Flask in c:\users\elcot\desktop\reg\env\lib\site-packages (2.2.2)
Requirement already satisfied: Werkzeug<=2.2.2 in c:\users\elcot\desktop\reg\env\lib\site-packages (from Flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\elcot\desktop\reg\env\lib\site-packages (from Flask) (3.1.2)
Requirement already satisfied: itsdangerous<=2.0 in c:\users\elcot\desktop\reg\env\lib\site-packages (from Flask) (2.1.2)
Requirement already satisfied: click<=8.0 in c:\users\elcot\desktop\reg\env\lib\site-packages (from Flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\elcot\desktop\reg\env\lib\site-packages (from click<=8.0->Flask) (0.4.6)
Requirement already satisfied: MarkupSafe<=2.0 in c:\users\elcot\desktop\reg\env\lib\site-packages (from Jinja2>=3.0->Flask) (2.1.1)

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
(env) PS C:\Users\ELCOT\Desktop> python.exe -m pip install --upgrade pip
Requirement already satisfied: pip in c:\users\elcot\desktop\reg\env\lib\site-packages (22.3)
Collecting pip
  Using cached pip-22.3.1-py3-none-any.whl (2.1 MB)
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 22.3
    Uninstalling pip-22.3:
      Successfully uninstalled pip-22.3
Successfully installed pip-22.3.1
(env) PS C:\Users\ELCOT\Desktop>
(env) PS C:\Users\ELCOT\Desktop>
(env) PS C:\Users\ELCOT\Desktop>
```

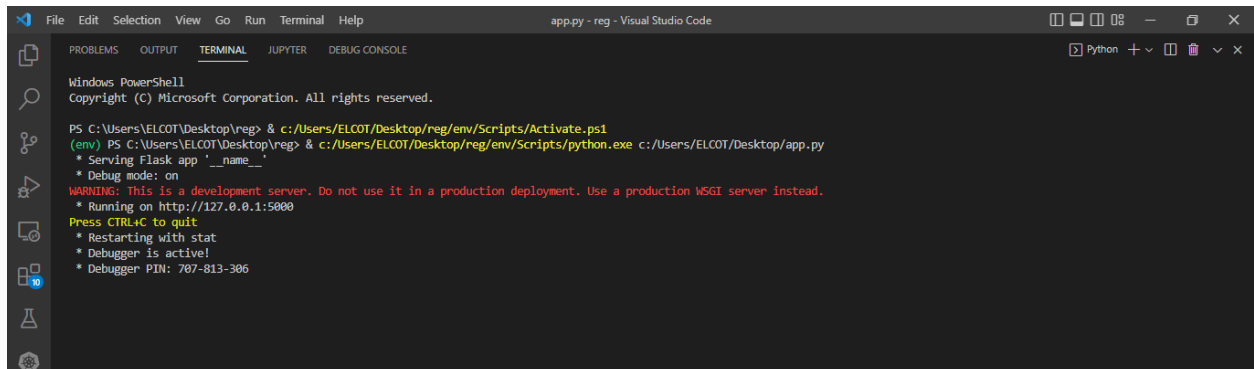
CREATE FLASK



```
File Edit Selection View Go Run Terminal Help
app.py - Visual Studio Code

app.py x
C:\> Users > ELCOT > Desktop > app.py > hello_world
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def hello_world():
7     return "<p>Hello World</p>"
```

RUN FLASK

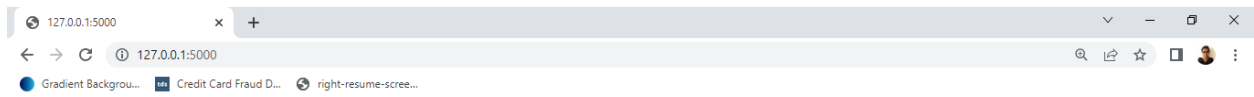


The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal is running a Windows PowerShell session. The user has navigated to the directory `c:/Users/ELCOT/Desktop/reg` and activated the virtual environment `env`. They then ran `python.exe c:/Users/ELCOT/Desktop/app.py`, which started the Flask application. The output shows the app is running on `http://127.0.0.1:5000` and includes a warning about using a development server. The terminal also shows the debugger is active with a PIN of 707-813-306.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\ELCOT\Desktop\reg> & c:/Users/ELCOT/Desktop/reg/env/Scripts/Activate.ps1
(env) PS C:\Users\ELCOT\Desktop\reg> & c:/Users/ELCOT/Desktop/reg/env/Scripts/python.exe c:/Users/ELCOT/Desktop/app.py
* Serving Flask app '__name__'
* 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: 707-813-306
```

OUTPUT



Hello World