

SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK PROJECT

Date	26 October 2022
Team ID	PNT2022TMID07184
Project Name	News tracker applications
Maximum Marks	8 Marks

The screenshot shows the Visual Studio Code interface with the following components:

- File Explorer (Left):** Shows the project structure with 'app.py' selected under 'OPEN EDITORS'.
- Editor (Center):** Displays the code for 'app.py' with line numbers 1 through 11. The code is a Flask application that imports 'Flask', creates an app, defines a route for the home page, and runs the app in debug mode.
- Terminal (Bottom):** Shows the command to run the application: `python -m flask run`. The output shows the application running on `http://127.0.0.1:5000/`.

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

Terminal Output:

```
python -m flask run
 * Running on http://127.0.0.1:5000/
Press CTRL+C to quit
```

FLASK

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

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 -

```