

SETUP ENVIRONMENT :

FLASK CREATION

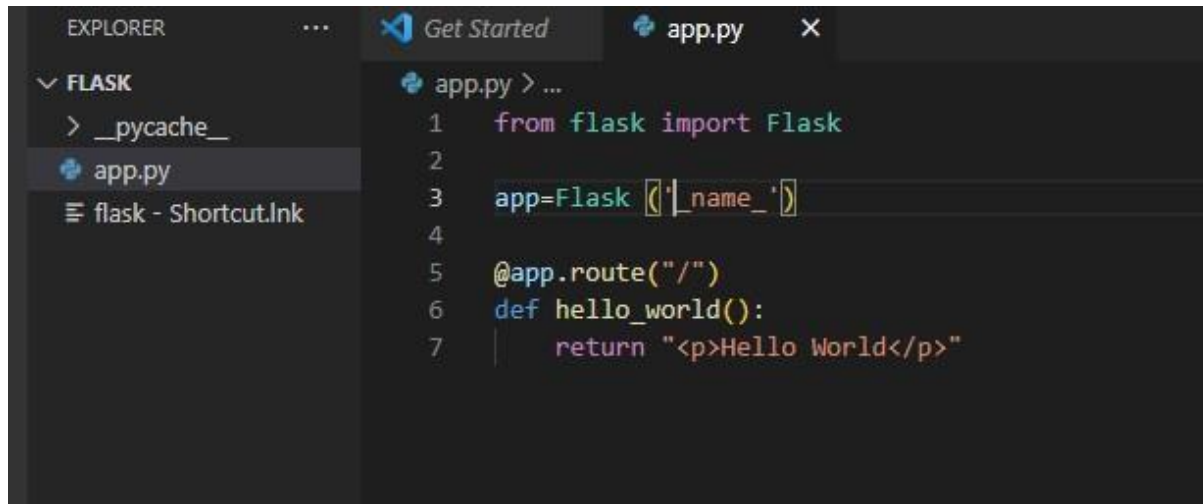
| | |
|--------------|---|
| Date | 4 Nov 2022 |
| Team ID | PNT2022TMID37311 |
| Team Members | Somasundaram K Sanjay S Shibi R Ronith N Vinoth R |

Flask install

```
C:\Users\91638>pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
----- 101.5/101.5 kB 389.9 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 1.6 MB/s eta 0:00:00
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.6/96.6 kB 1.8 MB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 1.6 MB/s eta 0:00:00
Requirement already satisfied: colorama in c:\users\91638\appdata\local\programs\python\python310\lib\site-packages (0.4.4)
Installing collected packages: MarkupSafe, itsdangerous, click, Werkzeug, Jinja2, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 flask-2.2.2 itsdangerous-2.1.2
```

| This PC > Windows (C:) > Users > 91638 > AppData > Local > Programs > Python > Python310 > Scripts | | | | |
|--|------------------|-------------|--------|--|
| Name | Date modified | Type | Size | |
| Crypto | 15-06-2022 01:13 | Application | 104 KB | |
| decrypto | 15-06-2022 01:13 | Application | 104 KB | |
| f2py | 15-06-2022 14:40 | Application | 104 KB | |
| flask | 23-10-2022 10:26 | Application | 104 KB | |
| naked | 15-06-2022 01:13 | Application | 104 KB | |
| normalizer | 15-06-2022 01:13 | Application | 104 KB | |
| pip | 23-10-2022 10:27 | Application | 106 KB | |
| pip3.10 | 23-10-2022 10:27 | Application | 106 KB | |
| pip3 | 23-10-2022 10:27 | Application | 106 KB | |
| stegano-lsb | 15-06-2022 21:51 | Application | 104 KB | |

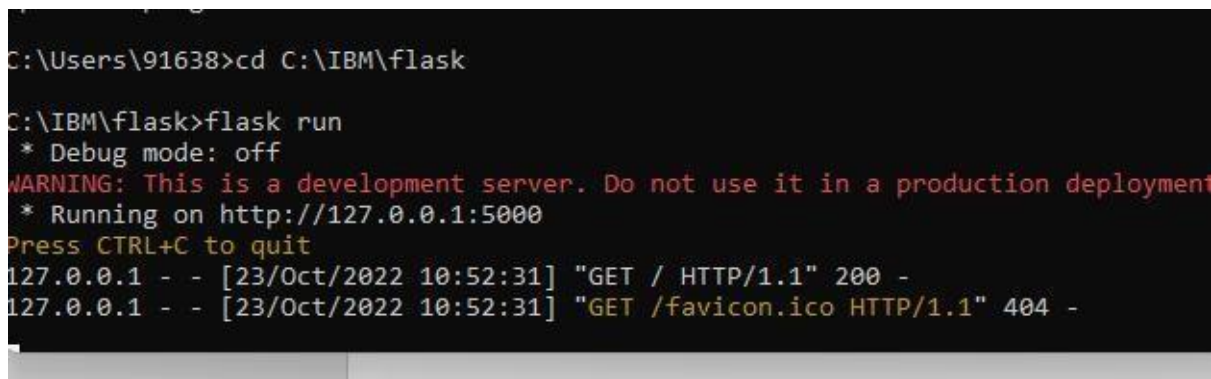
Create flask:



The screenshot shows the Visual Studio Code interface. On the left, the Explorer pane shows a project named 'FLASK' with files '__pycache__', 'app.py', and 'flask - Shortcut.lnk'. The 'app.py' file is selected. The main editor shows the code for 'app.py' with the following content:

```
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 a terminal window with the following output:

```
C:\Users\91638>cd C:\IBM\flask
C:\IBM\flask>flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [23/Oct/2022 10:52:31] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [23/Oct/2022 10:52:31] "GET /favicon.ico HTTP/1.1" 404 -
```

Output

