

# SETTING UP AN ENVIRONMENT

## FLASK CREATION

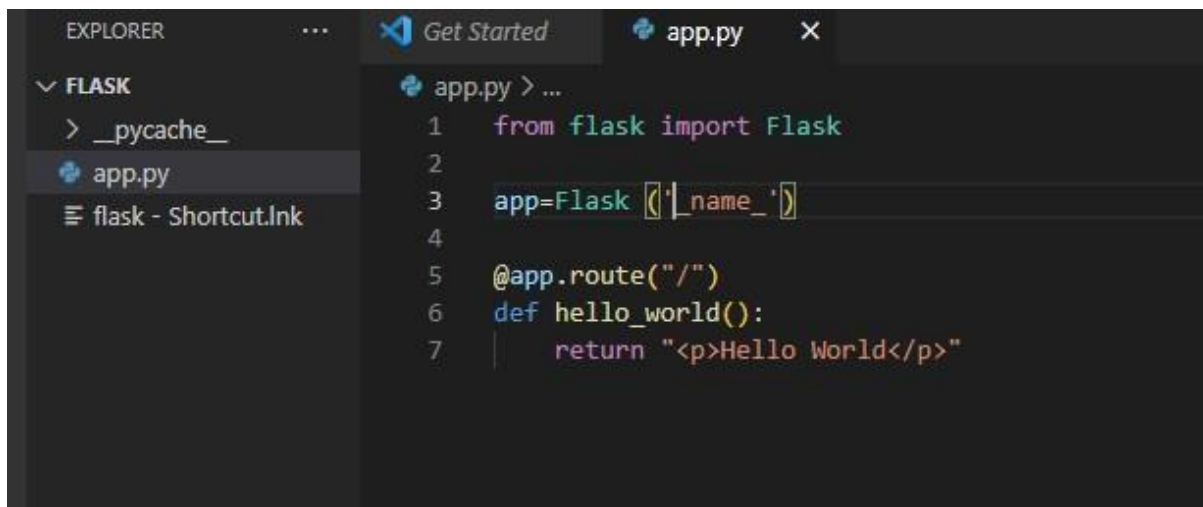
Team ID	PNT2022TMID20077
Team Lead	Suji S
Team Member 1	Akshaya S
Team Member 2	Raja Selvi R
Team Member 3	Ambigeshwari

### 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)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-win_amd64.whl (17 kB)
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	

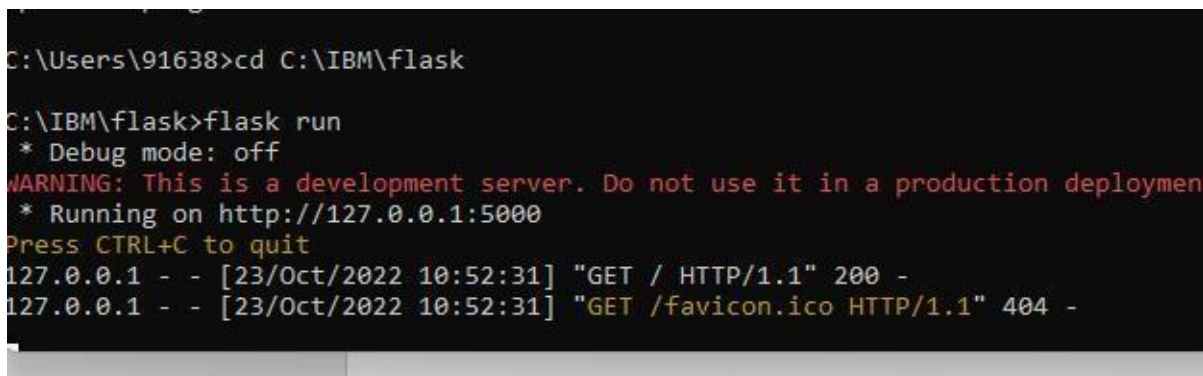
## Create flask:



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:

```
app.py > ...
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



The screenshot shows a web browser window with the address bar set to '127.0.0.1:5000'. The page content displays 'Hello World'.

