

# SETUP ENVIRONMENT

## FLASK CREATION











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### Flask install

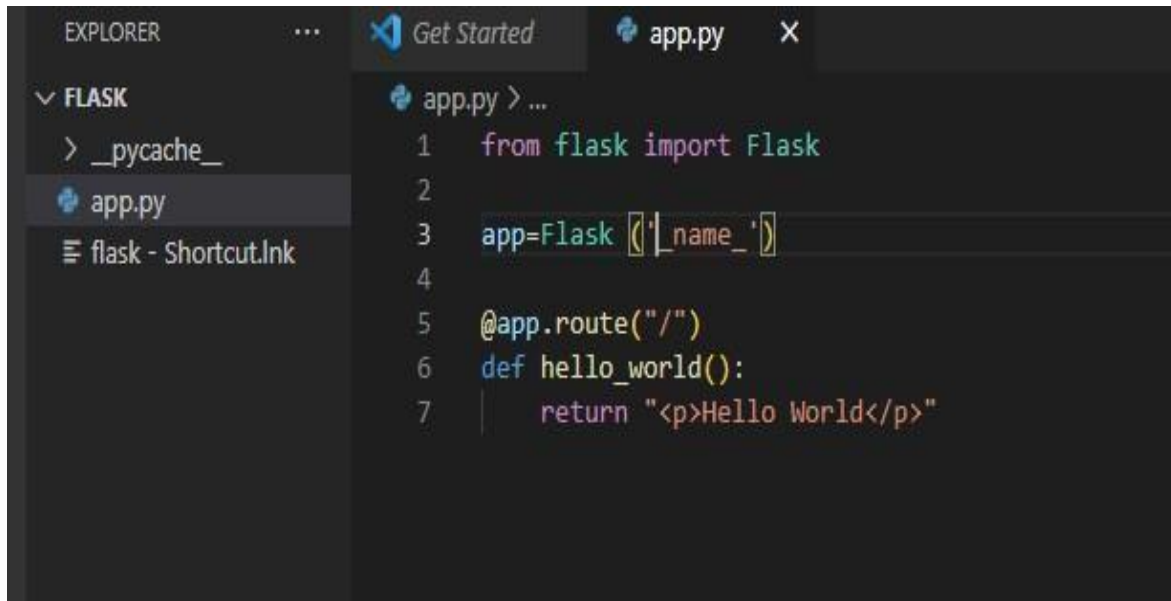
```

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)
Requirement already satisfied: MarkupSafe in c:\users\91638\appdata\local\programs\python\python310\lib\site-packages (2.1.1)
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	

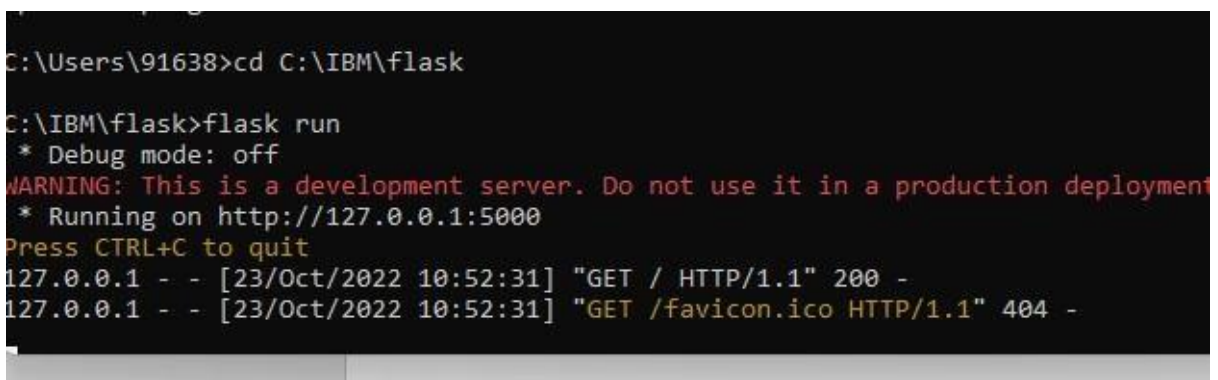
**Create flask:**



The screenshot shows the Visual Studio Code editor interface. On the left, the Explorer sidebar displays a file tree for a project named 'FLASK'. It contains a subdirectory '\_\_pycache\_\_' and two files: 'app.py' (selected) and 'flask - Shortcut.lnk'. The main editor window shows the code for 'app.py'. The code is as follows:

```
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. The address bar displays the URL '127.0.0.1:5000'. The page content shows the text 'Hello World'.