

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 (from click>=8.0->flask) (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

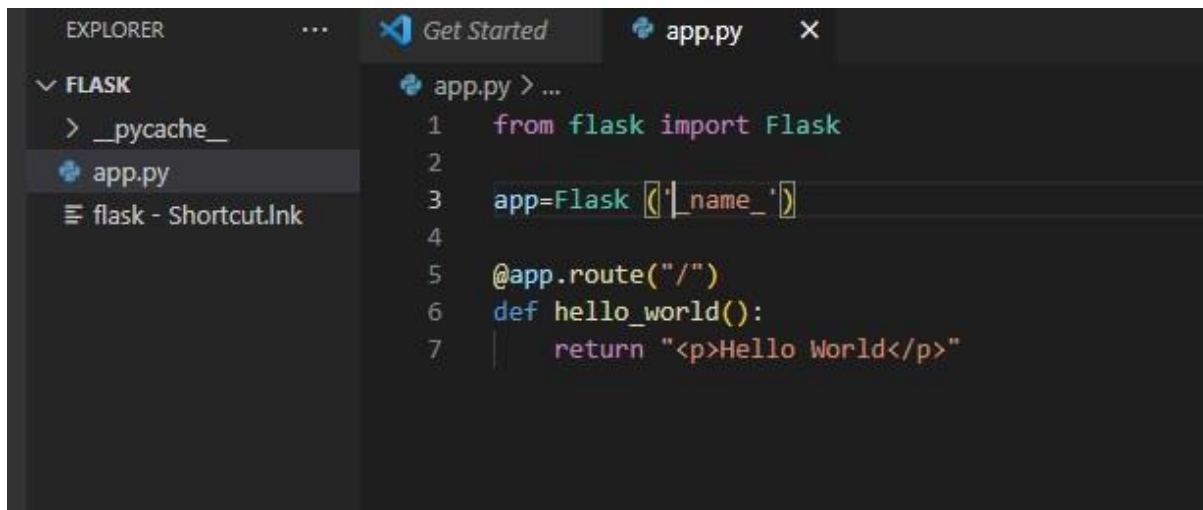
```

 > 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:

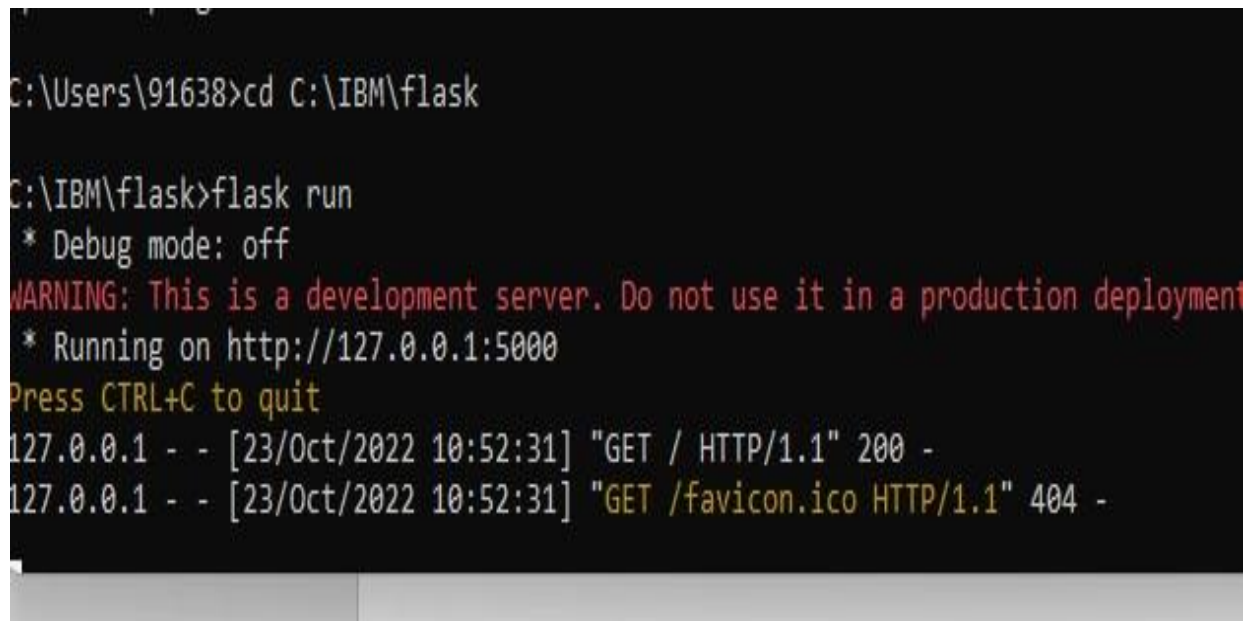
 127.0.0.1:5000
 Hello World

Run flask:

A screenshot of the Visual Studio Code editor. The Explorer sidebar on the left shows a project named 'FLASK' with a subdirectory containing '__pycache__', 'app.py', and a 'flask - Shortcut.lnk' file. The 'app.py' file is selected and open in the main editor. The code in 'app.py' 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>"
```

Output

A screenshot of a Windows command prompt terminal. The user has navigated to the directory 'C:\IBM\flask' and executed the command 'flask run'. The output shows that the Flask development server is running on http://127.0.0.1:5000. It also displays two log entries: a successful GET request to '/' with a 200 status code, and a failed GET request to '/favicon.ico' with a 404 status code.

```
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 -
```