

SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK PROJECT

Six Steps have been followed to create Flask Project.

The Steps that we have followed have been described below

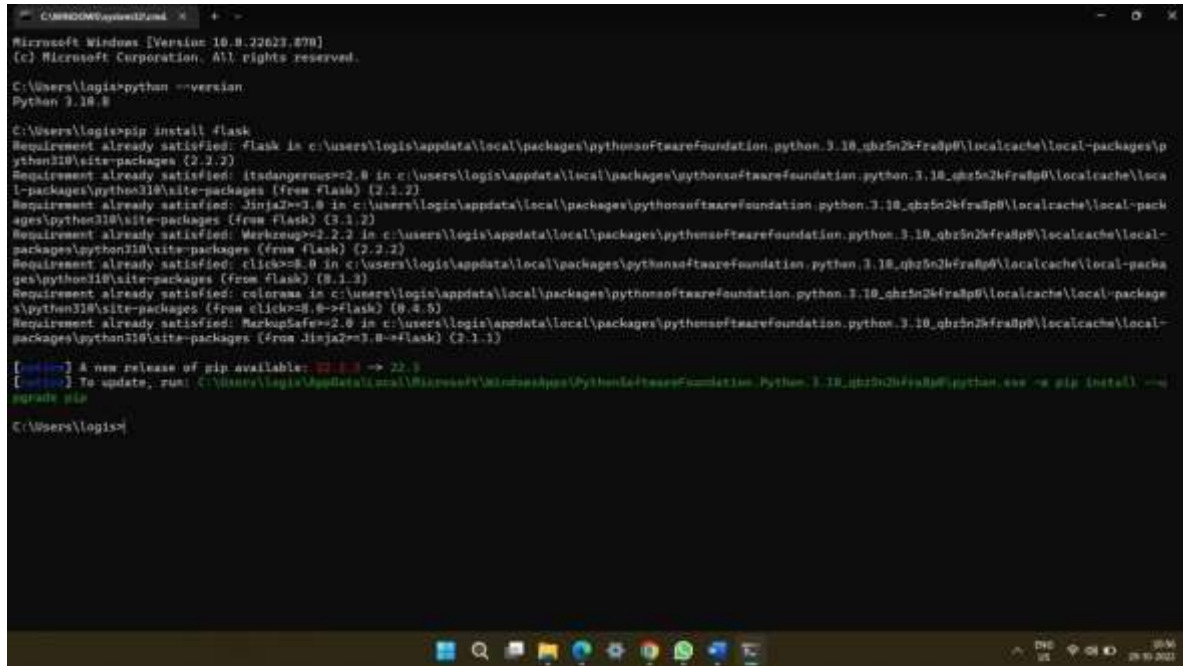
Step 1. Install Python latest version from python.org



Step 2. Download Anaconda from <https://www.anaconda.com/> and install it by running the .exe file



Step 3. Install Flask using command pip install flask



```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22621.879]
(c) Microsoft Corporation. All rights reserved.

C:\Users\logis>python --version
Python 3.10.8

C:\Users\logis>pip install flask
Requirement already satisfied: flask in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (2.2.2)
Requirement already satisfied: itsdangerous<2.0 in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.1.2)
Requirement already satisfied: Jinja2<3.0 in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (3.1.2)
Requirement already satisfied: Werkzeug<2.2.2 in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.2.2)
Requirement already satisfied: click>=8.0 in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe<2.0 in c:\users\logis\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from Jinja2=>3.0->flask) (2.1.1)

[notice] A new release of pip available: 22.0.3 -> 22.1
[notice] To update, run: C:\Users\logis\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.10_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip

C:\Users\logis>

```

Step 4. Open a new Python file and start coding from flask

```
import Flask app = Flask( name_____)
```

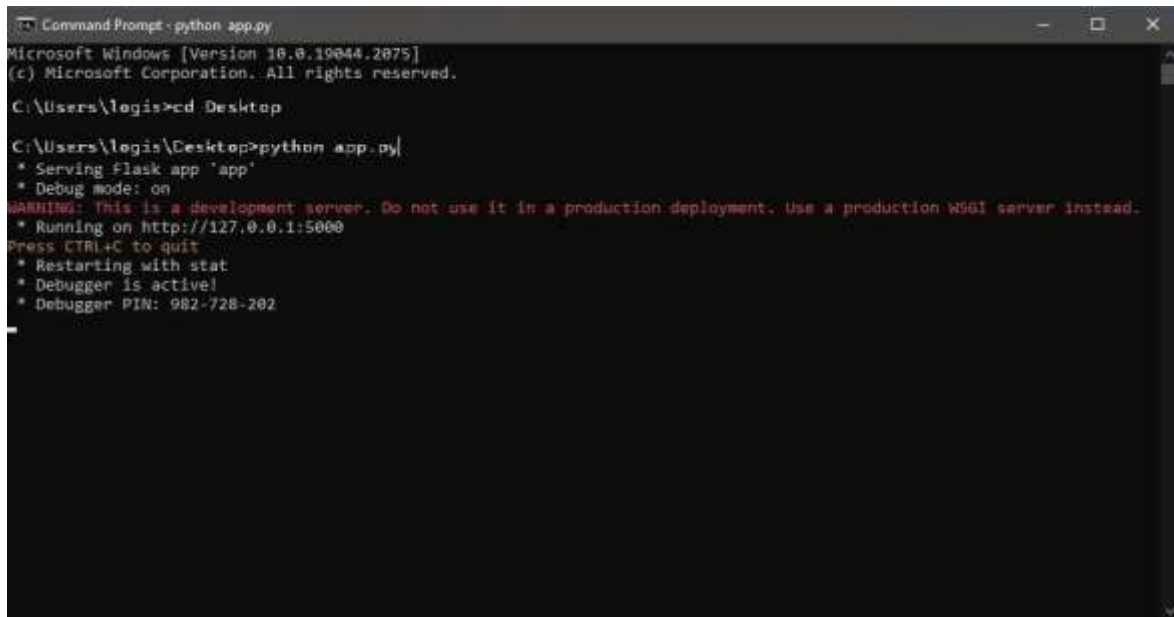
```
@app.route('/')
def hello():
```

```
    return "Hello World"
```

```
if __name__ == '__main__':
```

```
    app.run(debug=True)
```

Step 5. Run the Python file using command `python filename.py`



```
Command Prompt - python app.py
Microsoft Windows [Version 10.0.19044.2875]
(c) Microsoft Corporation. All rights reserved.

C:\Users\logis>cd Desktop

C:\Users\logis\Desktop>python 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: 982-728-202
```

Step 6: Open the Ip in browser

