

## SETTING UP APPLICATION ENVIRONMENT

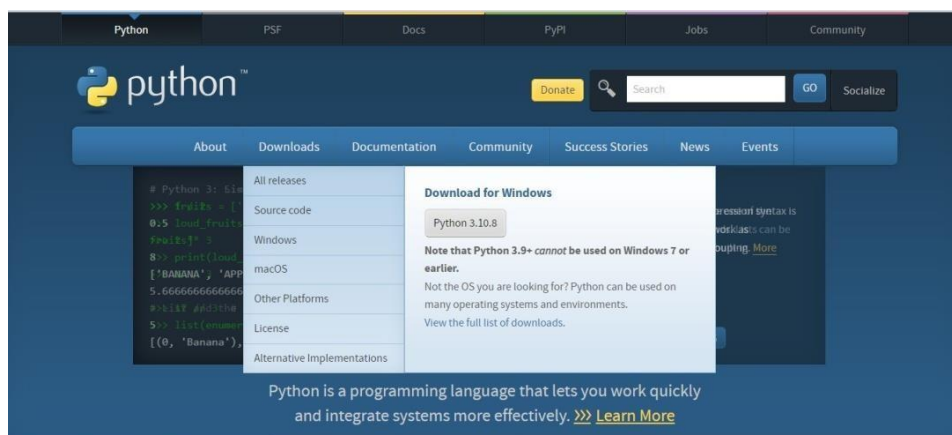
### CREATE FLASKPROJECT

Five Steps have been followed to create Flask Project.

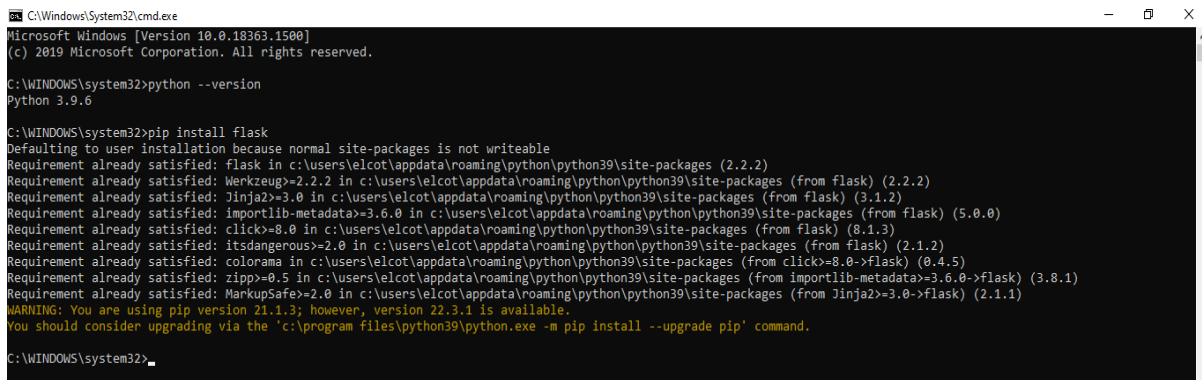
The Steps that we have followed have been described below

---

#### Step 1. Install Python latest version from python.org



## Step 2. Install Flask using command pip install flask



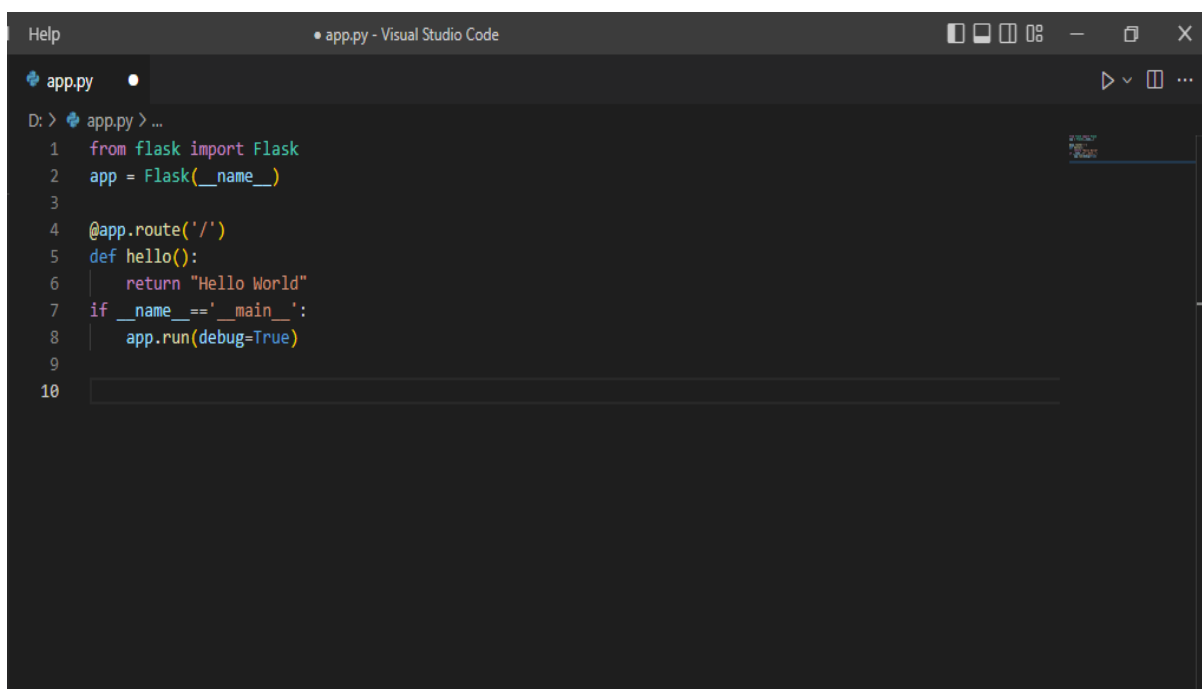
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.1500]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>python --version
Python 3.9.6

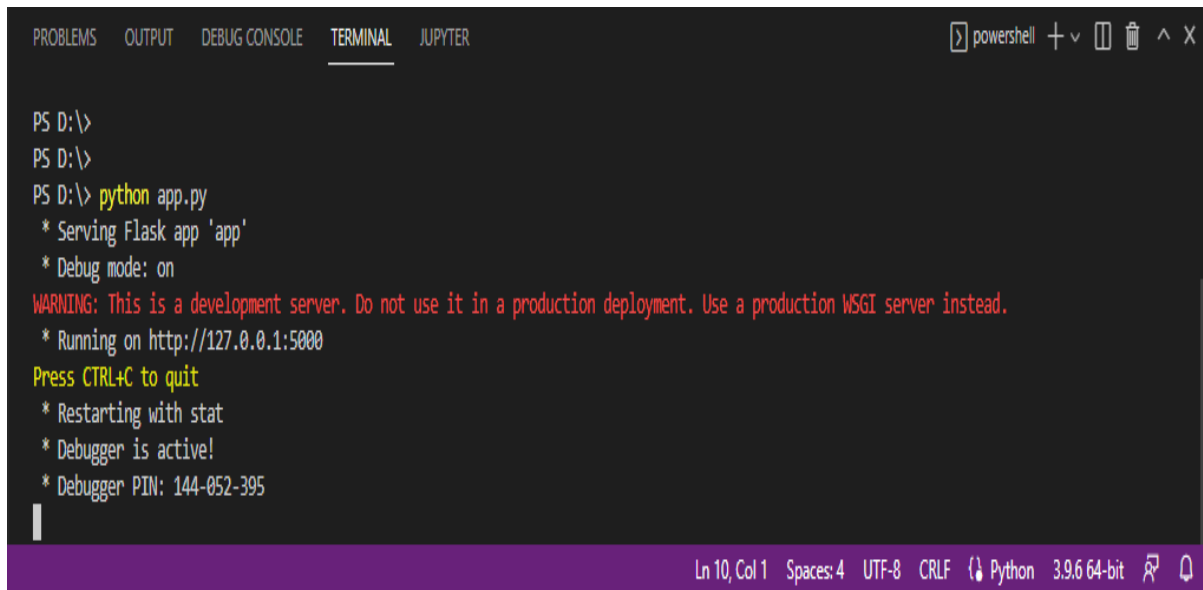
C:\WINDOWS\system32>pip install flask
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: flask in c:\users\elcot\appdata\roaming\python\python39\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from flask) (3.1.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from flask) (5.0.0)
Requirement already satisfied: click>=8.0 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\users\elcot\appdata\roaming\python\python39\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: zipp>=0.5 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from importlib-metadata>=3.6.0->flask) (3.8.1)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\elcot\appdata\roaming\python\python39\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: You are using pip version 21.1.3; however, version 22.3.1 is available.
You should consider upgrading via the 'c:\program files\python39\python.exe -m pip install --upgrade pip' command.

C:\WINDOWS\system32>
```

## Step 3. Open a new Python file and start coding



```
Help • app.py - Visual Studio Code
app.py
D:\> app.py > ...
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route('/')
5 def hello():
6     return "Hello World"
7 if __name__ == '__main__':
8     app.run(debug=True)
9
10
```

**Step 4.** Run the Python file using command `python filename.py`

```
PS D:\>
PS D:\>
PS D:\> 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: 144-052-395
```

The screenshot shows a PowerShell terminal window with the following output: PS D:\> PS D:\> PS D:\> 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: 144-052-395

**Step 5:** Open the Ip in browser