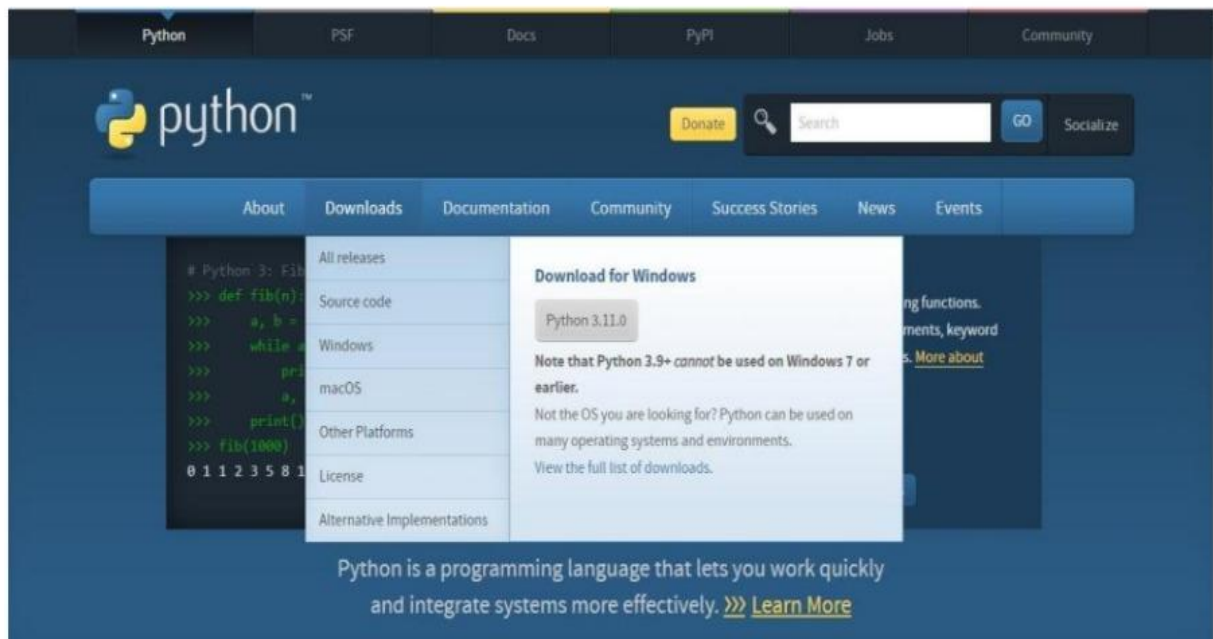


SETTING UP APPLICATION ENVIRONMENT CREATE FLASK PROJECT

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`.

```
..... 101.5/101.5 kB 829.4 kB/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 1.0 MB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
..... 133.1/133.1 kB 1.3 MB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
..... 96.6/96.6 kB 1.4 MB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
  DEPRECATION: MarkupSafe is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for MarkupSafe ... done
  WARNING: The script flask.exe is installed in 'C:\Users\H1\AppData\Roaming\Python\Python311\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
C:\Users\H1>
```

Step 4.

Open a new Python file and start coding from flask

from flask import Flask

app = Flask(name)

@app.route("/")

def hello_world():

return " <h1>Hello World!!!</h1>"

```
" if name == " main ":  
app.run(debug=True)
```

```
----- 101.5/101.5 kB 829.4 kB/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 1.8 MB/s eta 0:00:00  
Collecting Jinja2>=3.0  
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)  
----- 133.1/133.1 kB 1.3 MB/s eta 0:00:00  
Collecting itsdangerous>=2.0  
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)  
Collecting click>=8.0  
  Downloading click-8.1.3-py3-none-any.whl (96 kB)  
----- 96.6/96.6 kB 1.4 MB/s eta 0:00:00  
Collecting colorama  
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)  
Collecting MarkupSafe>=2.0  
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)  
Preparing metadata (setup.py) ... done  
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask  
  WARNING: The script flask.exe is installed in 'C:\Users\HI\AppData\Roaming\Python\Python311\Scripts' which is not on PATH.  
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.  
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2  
[notice] A new release of pip available: 22.3 -> 22.3.1  
[notice] To update, run: python.exe -m pip install --upgrade pip  
C:\Users\HI>py -m flask --version  
Python 3.11.0  
Flask 2.2.2  
Werkzeug 2.2.2  
C:\Users\HI>
```

Step 5. Run the Python file using command `python filename.py`
Step 6. Open the Ip in the browser.

OUTPUT :

