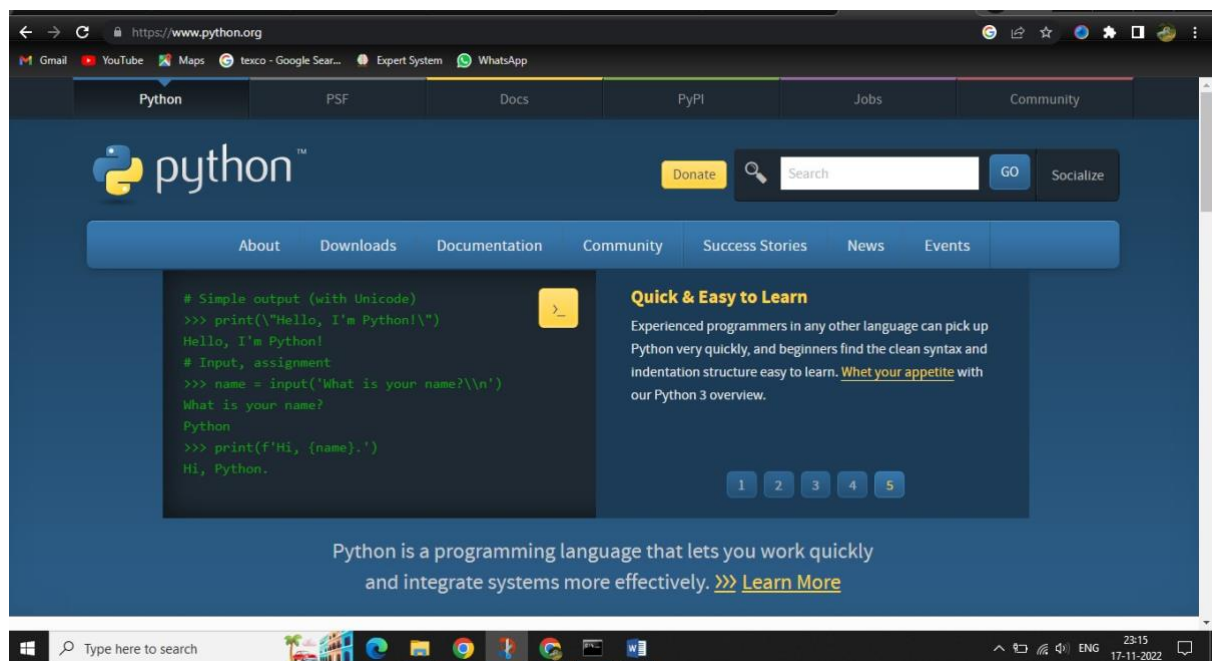


# CREATE FLASK PROJECT

Date	24 September 2022
Team ID	PNT2022TMID11609
Project Name	Project – Personal Expense Tracker

STEP 1: Install latest version of python in your desktop , link:

<https://www.python.org/>



STEP 2: After installation, open your command prompt and type,

**python –version** (to see version of python)                      **py –m**

**pip –version** (to see version of pip)

STEP 3: To install flask

**py -m pip install flask**

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\WELCOME>python --version
Python 3.10.7

C:\Users\WELCOME>py -m pip --version
pip 22.2.2 from C:\Program Files\Python310\lib\site-packages\pip (python 3.10)

C:\Users\WELCOME>py -m pip install flask
Defaulting to user installation because normal site-packages is not writeable
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
----- 101.5/101.5 kB 837.0 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 444.9 kB/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 341.3 kB/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 369.0 kB/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-cp310-cp310-win_amd64.whl (17 kB)
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
WARNING: The script flask.exe is installed in 'C:\Users\WELCOME\AppData\Roaming\Python\Python310\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: 22.2.2 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\WELCOME>
C:\Users\WELCOME>py -m flask --version
Python 3.10.7
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\WELCOME>
```

STEP 4: Open IDLE to check whether the flask is installed or not.

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help

Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
'2.2.2'
>>>
```

STEP 5: To create flask project **from**

**flask import Flask**

**app=Flask(\_\_name\_\_)**

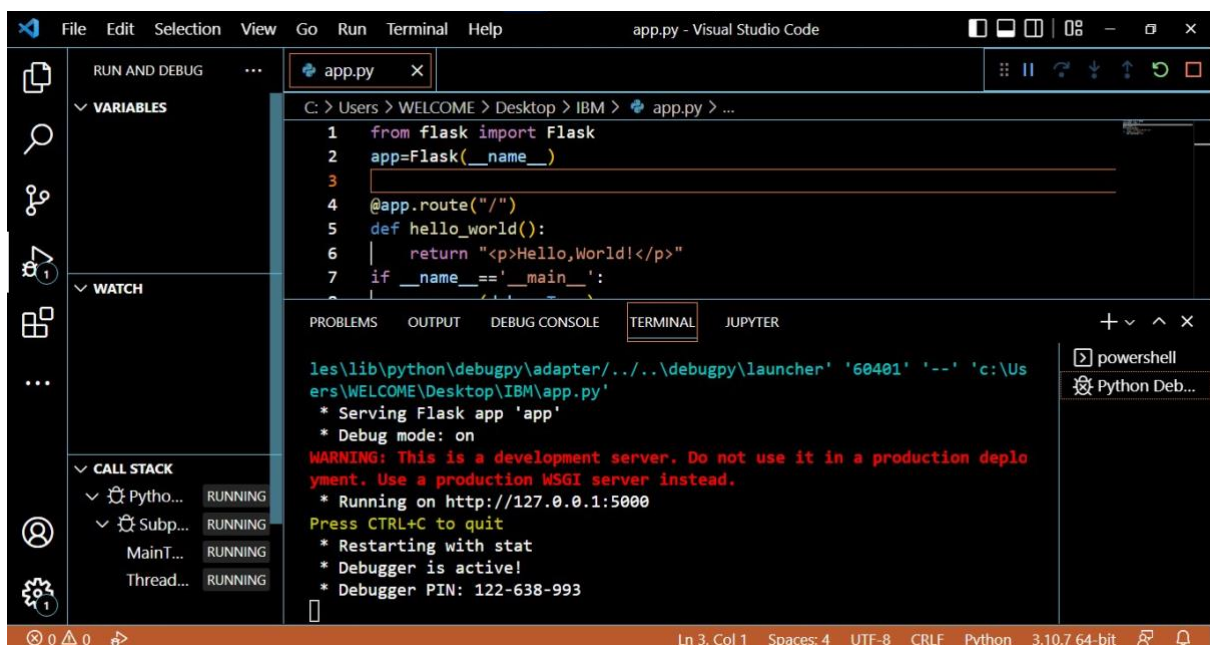
**@app.route("/")**

**Def hello\_world():**

**Return"<p>Hello,World</p>"**

**If \_\_name\_\_=='\_\_main\_\_':**

**App.run(debug=True)**



The screenshot shows the Visual Studio Code interface with a Flask application running. The editor displays the following code in `app.py`:

```
1 from flask import Flask
2 app=Flask(__name__)
3
4 @app.route("/")
5 def hello_world():
6     return "<p>Hello,World!</p>"
7 if __name__=='__main__':
```

The terminal output shows the application running on `http://127.0.0.1:5000` with debug mode enabled. The output includes a warning about using a development server in production and a debugger PIN.

```
les\lib\python\debugpy\adapter\...\debugpy\launcher' '60401' '--' 'c:\Users\WELCOME\Desktop\IBM\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: 122-638-993
```

The left sidebar shows the 'RUN AND DEBUG' panel with the 'CALL STACK' section expanded, indicating that the Python process and its sub-processes are running.