CREATE FLASK PROJECT

Step 1: Install Virtual Environment

Install virtualenv on Windows

1. Open the command line with administrator privileges.

2. Use `pip` to install *virtualenv* on Windows:

```
py -2 -m pip install virtualenv
```

Step 2: Create an Environment

1.Make a separate directory for your project:

Mkdir project

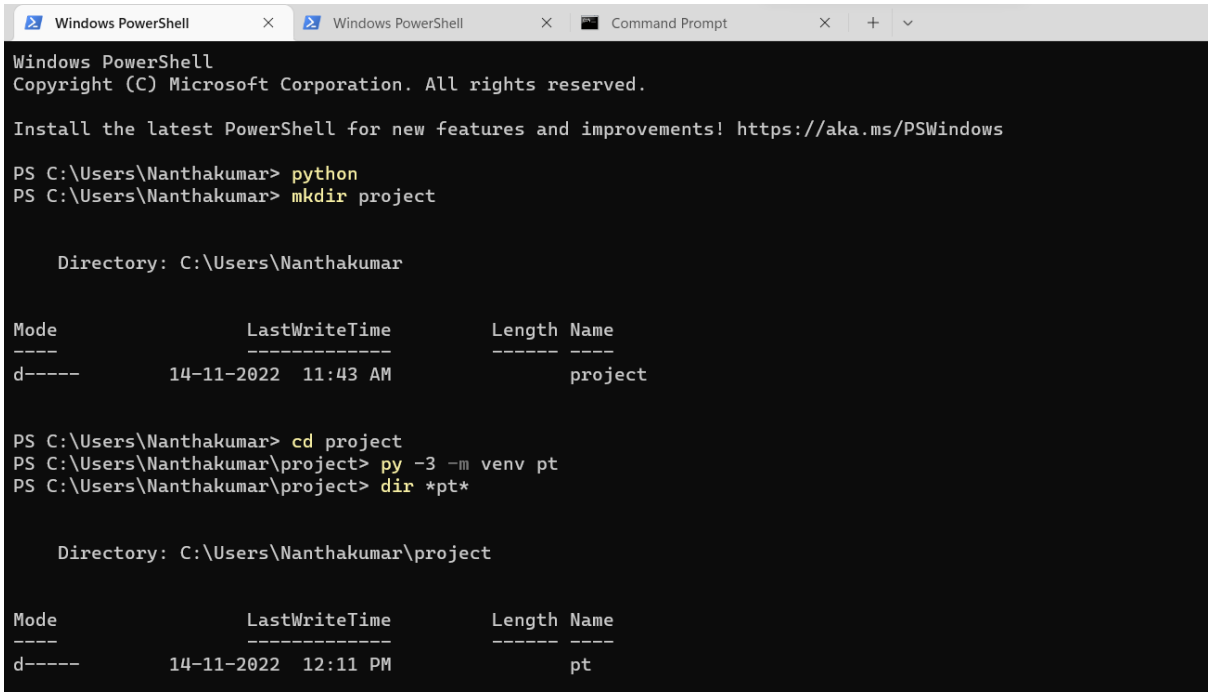
2. Move into the directory:

Cd project

3. Within the directory, create the virtual environment for Flask. When you create the environment, a new folder appears in your project directory with the environment's name.

Create virtual environment in windows:

py -3 -m venv pro



Step 3: Activate the Environment

Activate the virtual environment before installing Flask. The name of the activated environment shows up in the CLI after activation.

Activate the Environment on Windows

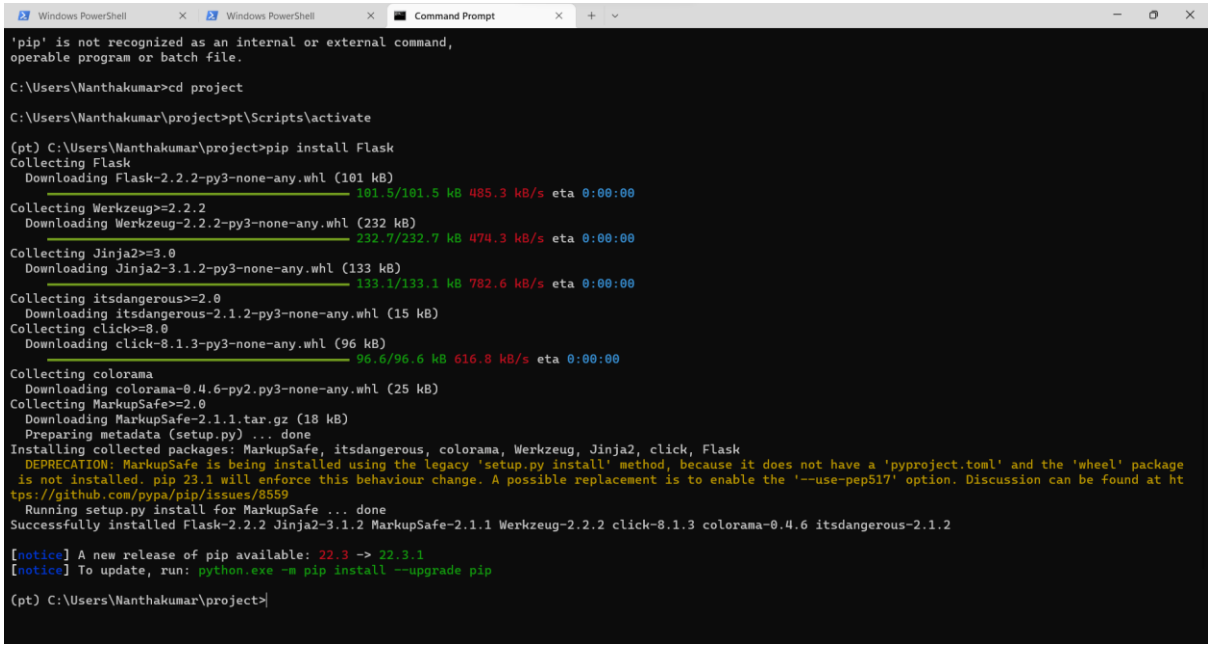
For Windows, activate the virtual environment with:

pro\Scripts\activate

Step 4: Install Flask

Install Flask within the activated environment using `pip`:

pip install Flask



Step 5: Test the Development Environment

1. Create a simple Flask application to test the newly created development environment.

2. Make a file in the Flask project folder called *hello.py*.

3. Edit the file using text editor and add the following code to make an application that prints "*Hello world!*":

from flask import Flask

```
app = Flask(__name__)

@app.route('/')

def hello_world():

    return 'Hello world!'
```

```
(pt) C:\Users\Nanthakumar\project>set FLASK_APP=hw

(pt) C:\Users\Nanthakumar\project>flask run
 * Serving Flask app 'hw'
 * Debug mode: off
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
127.0.0.1 - - [14/Nov/2022 12:29:14] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [14/Nov/2022 12:29:14] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [14/Nov/2022 12:29:29] "GET / HTTP/1.1" 200 -
```