

# FLASK PROJECT

## Flask installation:

```
Select Command Prompt

C:\Users\sweatha>python --version
Python 3.11.0

C:\Users\sweatha>mkdir myproject

C:\Users\sweatha>cd myproject

C:\Users\sweatha\myproject>py -3 -m venv venv

C:\Users\sweatha\myproject> venv\Scripts\activate

(venv) C:\Users\sweatha\myproject>$ pip install Flask
'$' is not recognized as an internal or external command,
operable program or batch file.

(venv) C:\Users\sweatha\myproject> pip install Flask
Collecting Flask
  Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Collecting Werkzeug>=2.2.2
  Using cached Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting Jinja2>=3.0
  Using cached Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting itsdangerous>=2.0
  Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Using cached click-8.1.3-py3-none-any.whl (96 kB)
Collecting colorama
  Using cached colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Using cached 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
Successfully installed Flask-2.2.2 Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 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

(venv) C:\Users\sweatha\myproject>.
```

# Sample program:

```
main.py X
Flask project > main.py > ...
1 from flask import Flask, redirect
2
3 app=Flask(__name__)
4
5 @app.route('/')
6 def home():
7     return "welcome to flask"
8
9 if __name__ == '__main__':
10     app.run(debug=True)
```

# Output:

