



# Practica 7: Introducción a Flask e instalación del entorno

## APLICACIONES WEB

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Universidad Politécnica de Pachuca

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## SECCIÓN B: Verificar instalación y SECCIÓN C: Verificar pip

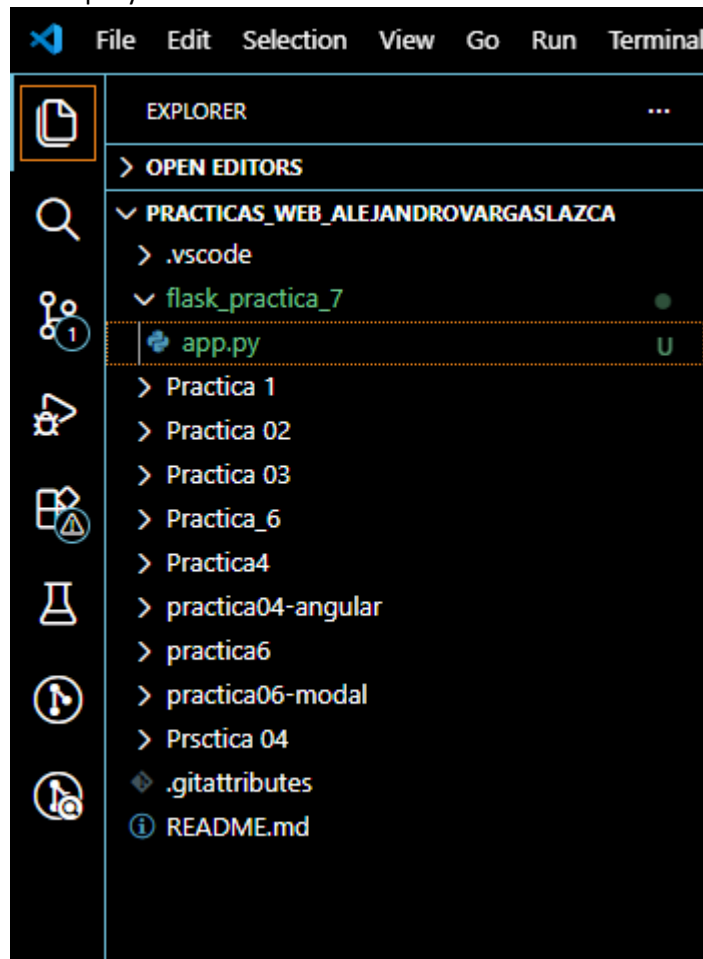
```
C:\WINDOWS\system32\cmd. x + v
Microsoft Windows [Version 10.0.26200.7840]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlexVLBlade>python --version
Python 3.13.0

C:\Users\AlexVLBlade>python -m pip --version
pip 24.2 from C:\Users\AlexVLBlade\AppData\Local\Programs\Python\Python313\Lib\site-packages\pip (python 3.13)

C:\Users\AlexVLBlade>|
```

## SECCIÓN D: Crear carpeta del proyecto



## SECCIÓN E: Instalar Flask

```
PS C:\Users\Alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7> python -m pip install flask
# >>
Requirement already satisfied: flask in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (3.1.2)
Requirement already satisfied: blinker>=1.9.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: MarkupSafe>=2.1.1 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.1)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.1)
Requirement already satisfied: colorama in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from click>=8.1.3->flask) (0.4.6)

[notice] A new release of pip is available: 24.2 -> 26.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

## SECCIÓN F: Crear la aplicación

```
File Edit Selection View Go Run Terminal Help
Practicas_Meb_AlejandroVargasLazca
EXPLORER
PRACTICAS_MEB_ALEJANDROVARGASLAZCA
  flask_practica_7
    app.py
    Practica 1
    Practica 02
    Practica 03
    Practica 04
    practica04-angular
    practica06
    practica06-model
    Practica 04
    gtiattributes
    README.md
  flask_practica_7
    app.py
    flask_practica_7
      1 from flask import Flask
      2
      3 app = Flask(__name__)
      4
      5 @app.route('/')
      6 def index():
      7     return "Hola mundo desde Flask"
      8
      9 if __name__ == '__main__':
      10     app.run(debug=True)
      11
```

## SECCIÓN G: Ejecutar la aplicación

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GIT LENS
PS C:\Users\Alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7> python -m pip install flask
# >>
Requirement already satisfied: flask in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (3.1.2)
Requirement already satisfied: blinker>=1.9.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: MarkupSafe>=2.1.1 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.1)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from flask) (3.1.1)
Requirement already satisfied: colorama in c:\users\alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7\venv\lib\site-packages (from click>=8.1.3->flask) (0.4.6)

[notice] A new release of pip is available: 24.2 -> 26.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\Alejo\OneDrive\Documentos\Github\Practicas_Meb_AlejandroVargasLazca\flask_practica_7> 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: 738-377-569
```

