



UNIVERSIDAD POLITÉCNICA DE PACHUCA

INGENIERIA EN TECNOLOGUIAS DE LA  
INFORMACION E INNOVACION DIGITAL

**Practica 4**

**CARRERA**

INGENIERÍA EN TECNOLOGÍAS DE LA  
INFORMACIÓN E INNOVACIÓN DIGITAL

**GRUPO**

04-01

**P R E S E N T A (N)**

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**DOCENTE(N)**

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The screenshot shows the Python.org homepage. At the top, there's a navigation bar with links for Pitón, PSF, Documentos, PyPI, Empleos, and Comunidad. The Python logo is prominently displayed. Below the logo is a search bar and a "Socializar" button. A main banner features two yellow and white striped parachutes descending towards the ground, each carrying a brown cardboard box. The text on the banner reads: "Descargue la última versión para Windows", "Descargar el administrador de instalación de Python", "O bien obtenga el instalador independiente para Python 3.14.3", "¿Buscas Python con otro sistema operativo? Python para Windows, Linux/Unix, macOS, Android y otros.", and "¿Quieres ayudar a probar versiones de desarrollo de Python 3.15? Versiones preliminares, imágenes de Docker". Below this is a section titled "Versiones activas de Python" with a chart showing the status of various Python versions. The chart has a red "end-of-life" marker for Python 2.7 and Python 3.6.

**Historial de descargas recientes** 

-  **python-manager-25.2.msix**  
43,9 MB • Hace 15 minutos
-  **Practica\_07\_Flask.pdf**  
3,9 MB • Hace 18 minutos

**Historial de descargas completo** 

```
● PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez> python --version
Python 3.14.3
● PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez> python -m pip --version
pip 25.3 from C:\Users\david\AppData\Local\Python\pythoncore-3.14-64\Lib\site-packages\pip (python 3.14)
● PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez> python -m pip --version
pip 25.3 from C:\Users\david\AppData\Local\Python\pythoncore-3.14-64\Lib\site-packages\pip (python 3.14)
En linea: 1 Carácter: 1
+ flask_practica_7
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (flask_practica_7:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez> mkdir flask_practica_7

Directorio: C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez

Mode           LastWriteTime         Length Name
----           -----          ----- 
d--- 17/02/2026  05:48 p. m.            flask_practica_7
```

```

● PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez> cd flask_practica_7
● PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez\flask_practica_7> python -m pip install flask
  Collecting flask
    Downloading flask-3.1.2-py3-none-any.whl.metadata (3.2 kB)
  Collecting blinker>=1.9.0 (from flask)
    Downloading blinker-1.9.0-py3-none-any.whl.metadata (1.6 kB)
  Collecting click>=8.1.3 (from flask)
    Downloading click-8.3.1-py3-none-any.whl.metadata (2.6 kB)
  Collecting itsdangerous>=2.2.0 (from flask)
    Downloading itsdangerous-2.2.0-py3-none-any.whl.metadata (1.9 kB)
  Collecting jinja2>=3.1.2 (from flask)
    Downloading jinja2-3.1.6-py3-none-any.whl.metadata (2.9 kB)
  Collecting markupsafe>=2.1.1 (from flask)
    Downloading markupsafe-3.0.3-cp314-cp314-win_amd64.whl.metadata (2.8 kB)
  Collecting werkzeug>=3.1.0 (from flask)
    Downloading werkzeug-3.1.5-py3-none-any.whl.metadata (4.0 kB)
  Collecting colorama (from click>=8.1.3->flask)
    Downloading colorama-0.4.6-py2.py3-none-any.whl.metadata (17 kB)
  Downloading flask-3.1.2-py3-none-any.whl (103 kB)
  Downloading blinker-1.9.0-py3-none-any.whl (8.5 kB)
  Downloading click-8.3.1-py3-none-any.whl (108 kB)
  Downloading itsdangerous-2.2.0-py3-none-any.whl (16 kB)
  Downloading jinja2-3.1.6-py3-none-any.whl (134 kB)
  Downloading markupsafe-3.0.3-cp314-cp314-win_amd64.whl (15 kB)

```

```

PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez\flask_practica_7> python -m pip install flask
  Downloading markupsafe-3.0.3-cp314-cp314-win_amd64.whl (15 kB)
  Downloading werkzeug-3.1.5-py3-none-any.whl (225 kB)
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
  Installing collected packages: markupsafe, itsdangerous, colorama, blinker, werkzeug, jinja2, click, flask
    7/8 [flask] WARNING: The script flask.exe is installed in 'C:\Users\david\AppData\Loc
al\Python\pythoncore-3.14-64\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 blinker-1.9.0 click-8.3.1 colorama-0.4.6 flask-3.1.2 itsdangerous-2.2.0 jinja2-3.1.6 markupsafe-3.0.3 werkz
eug-3.1.5

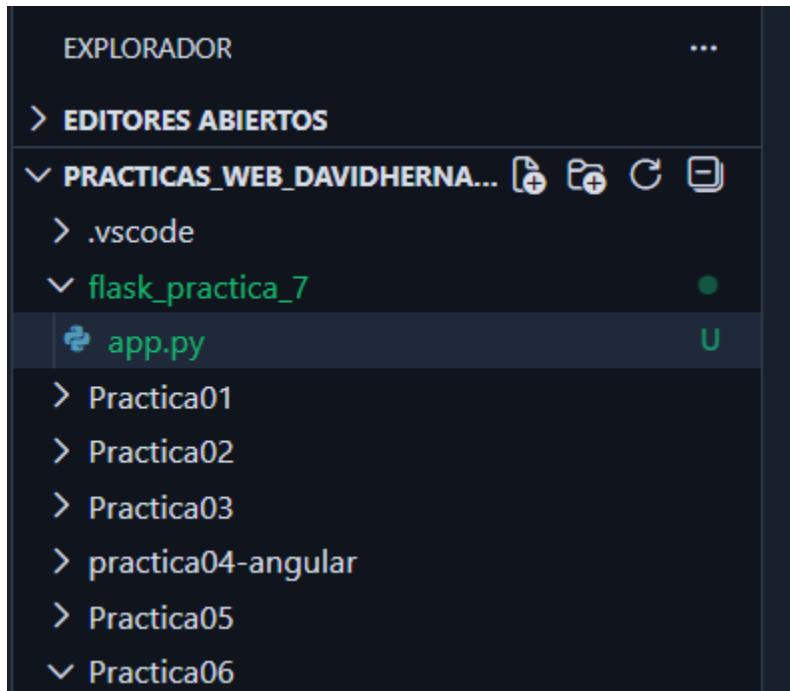
[notice] A new release of pip is available: 25.3 -> 26.0.1
[notice] To update, run: C:\Users\david\AppData\Local\Python\pythoncore-3.14-64\python.exe -m pip install --upgrade pip
* PS C:\Users\david\OneDrive\Documentos\GitHub\Practicas_Web_DavidHernandez\flask_practica_7> python app.py
  * Serving Flask 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: 307-898-536
127.0.0.1 - - [17/Feb/2026 17:56:17] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [17/Feb/2026 17:56:17] "GET /favicon.ico HTTP/1.1" 404 -

```

```

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: 307-898-536
127.0.0.1 - - [17/Feb/2026 17:56:17] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [17/Feb/2026 17:56:17] "GET /favicon.ico HTTP/1.1" 404 -
  * Detected change in 'C:\\\\Users\\\\david\\\\OneDrive\\\\Documentos\\\\GitHub\\\\Practicas_Web_DavidHernandez\\\\flask_practica_7\\\\app.py', re
loading
  * Restarting with stat
  * Debugger is active!
  * Debugger PIN: 307-898-536
127.0.0.1 - - [17/Feb/2026 17:58:48] "GET / HTTP/1.1" 200 -

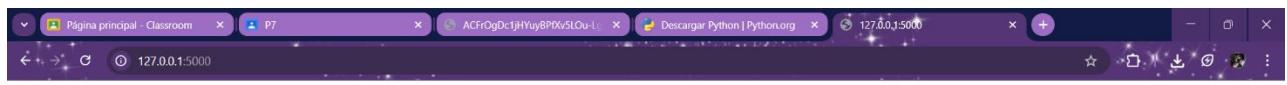
```



This screenshot shows the full VS Code interface. The top bar includes "Archivo", "Editar", "Selección", "Ver", "Ir", "Ejecutar", "...", and a search bar containing "Practicas\_Web\_DavidHernandez". The left sidebar is the "Explorador" (File Explorer) with various icons. The main area is the "Code Editor" showing the "app.py" file. The code in "app.py" is:

```
flask_practica_7 > app.py > ...
1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route('/')
6  def inicio():
7      return "Hola mundo"
8
9  if __name__ == '__main__':
10     app.run(debug=True)
```

At the bottom, there are tabs for "PROBLEMAS", "SALIDA", "CONSOLA DE DEPURACIÓN", "TERMINAL", "PUERTOS", and "GIT LENS".



Hola mundo