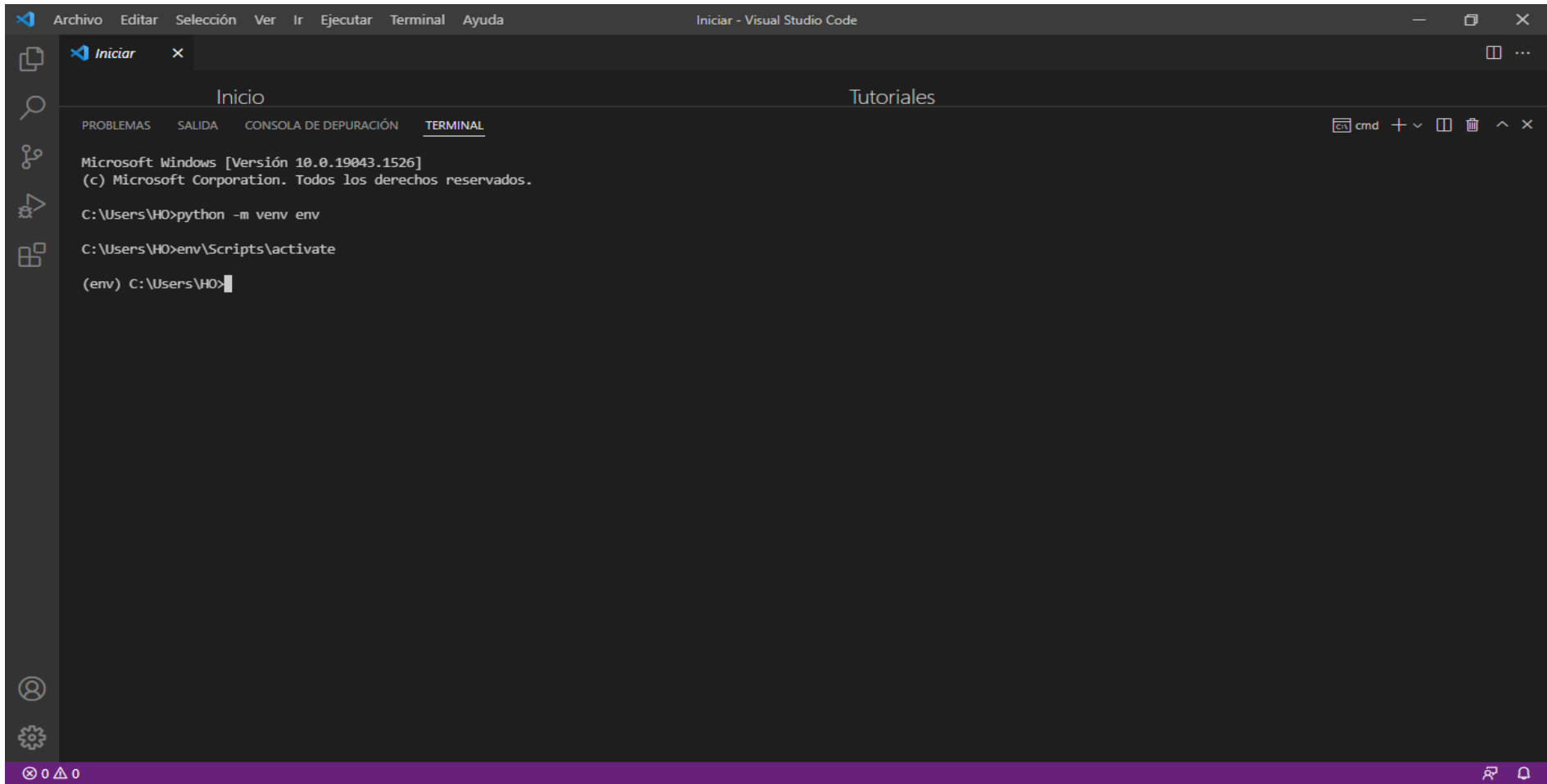


Crear un entorno virtual

Crea un entorno virtual mediante venv

Ejecutar en su terminal: `python3 -m venv env` o bien `python -m venv env`



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

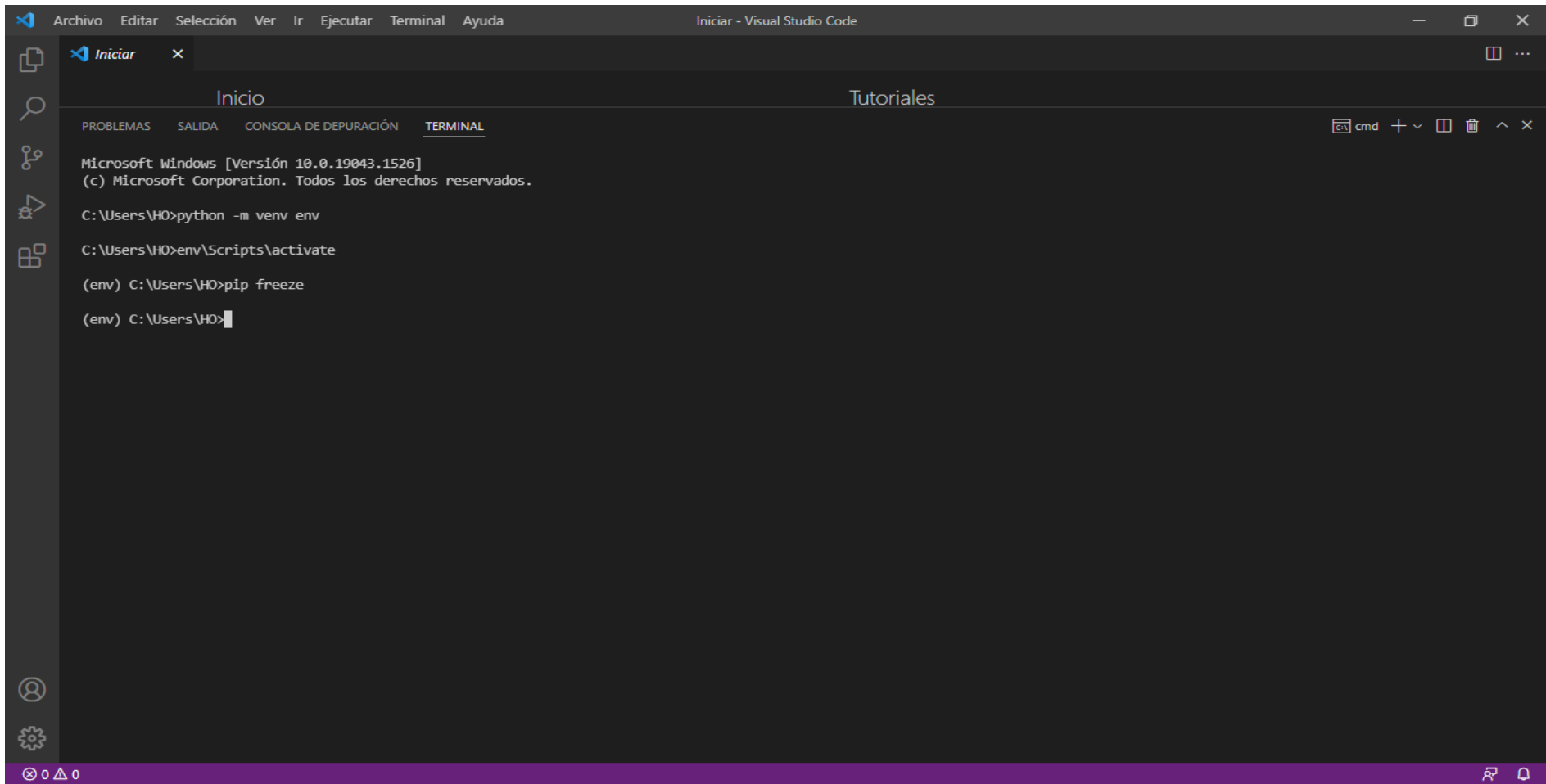
C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

(env) C:\Users\HO>
```

The terminal window is titled "cmd" and has a dark background. The Visual Studio Code window title is "Iniciar - Visual Studio Code". The left sidebar shows the Explorer, Search, Source Control, Run and Debug, and Extensions views. The bottom status bar shows the file encoding as UTF-8 and the line and column numbers as 0/0.

Ejecuta el comando para activar el entorno virtual: `source env/bin/activate`



The image shows a Visual Studio Code window with a terminal open. The terminal title is "Iniciar - Visual Studio Code". The terminal content shows the following commands and output:

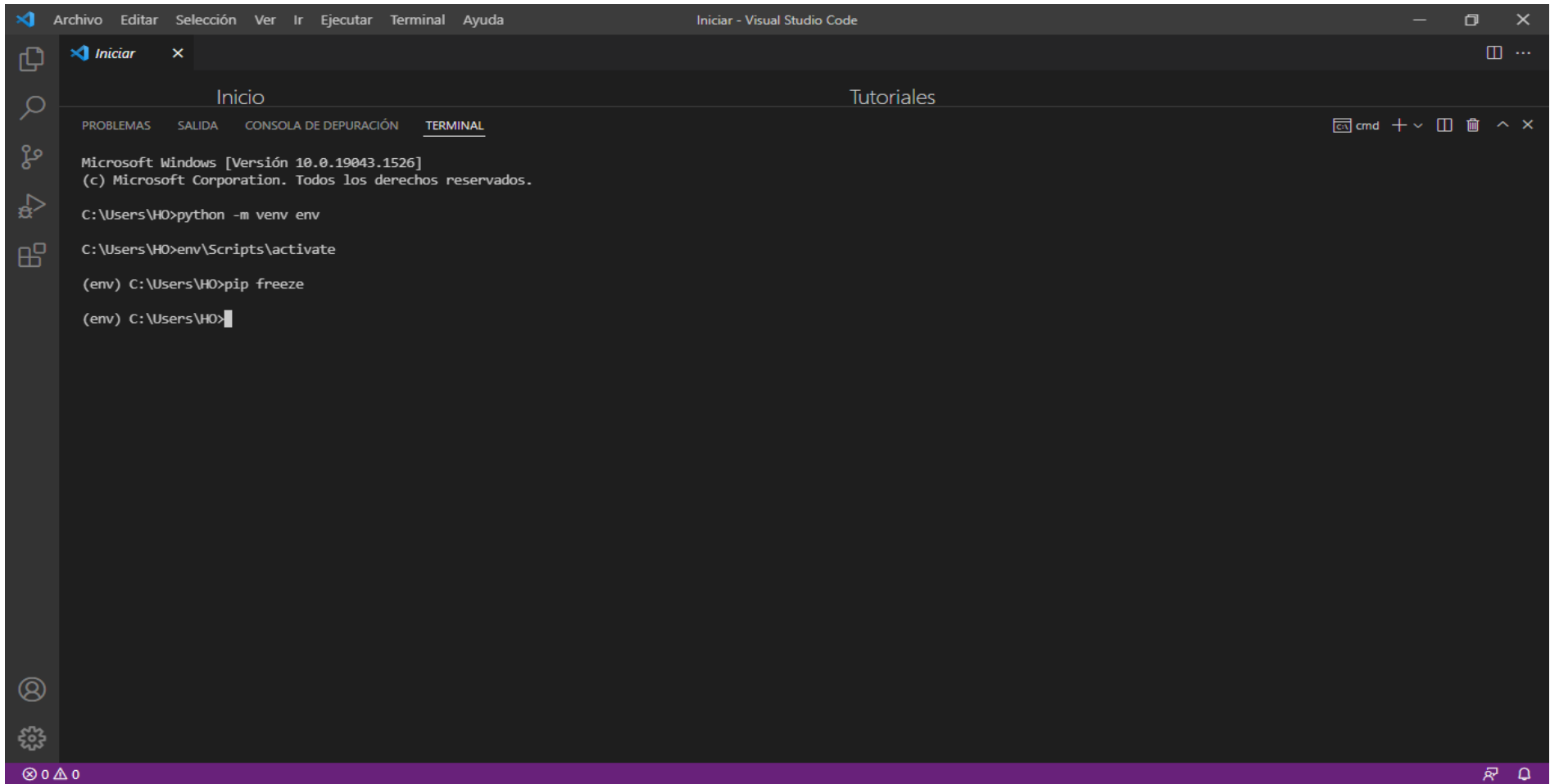
```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env
C:\Users\HO>env\Scripts\activate
(env) C:\Users\HO>pip freeze
(env) C:\Users\HO>
```

The terminal window has a dark theme. The left sidebar shows the Explorer, Search, Source Control, Run and Debug, and Extensions views. The bottom status bar shows the file encoding as UTF-8 and the line ending as LF.

Instalar una biblioteca

Ejecuta el comando `pip freeze` para ver las bibliotecas instaladas en tu entorno:
No deberías obtener respuesta.



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

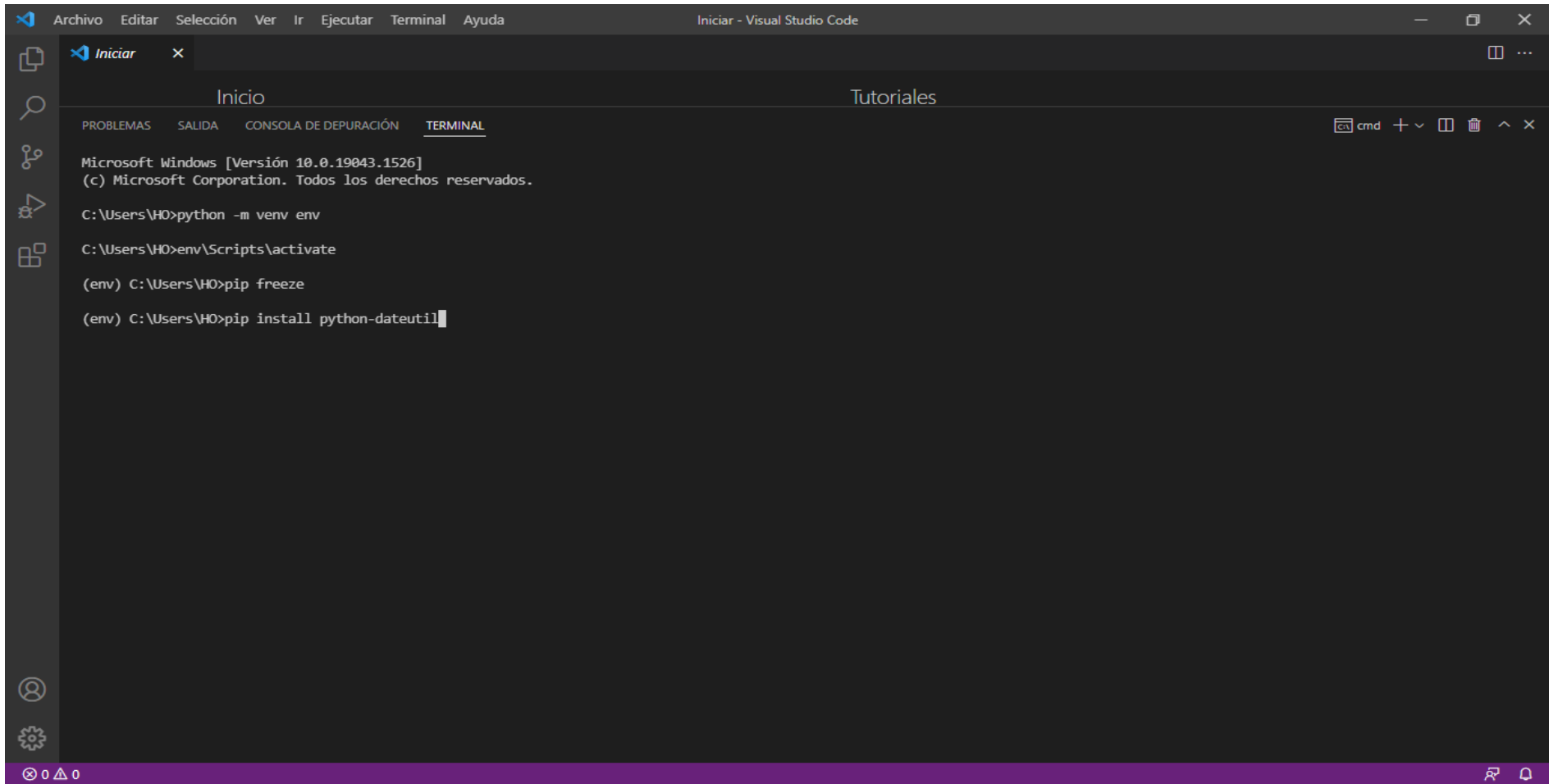
```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env
C:\Users\HO>env\Scripts\activate
(env) C:\Users\HO>pip freeze
(env) C:\Users\HO>
```

The terminal window is titled "Iniciar" and shows the execution of the `pip freeze` command in a virtual environment. The output is empty, indicating that no packages are currently installed in the environment.

A continuación, veamos cómo cambia la salida de `pip freeze` cuando se agrega una biblioteca (un paquete).

Ejecuta el comando `pip install` para instalar una biblioteca:

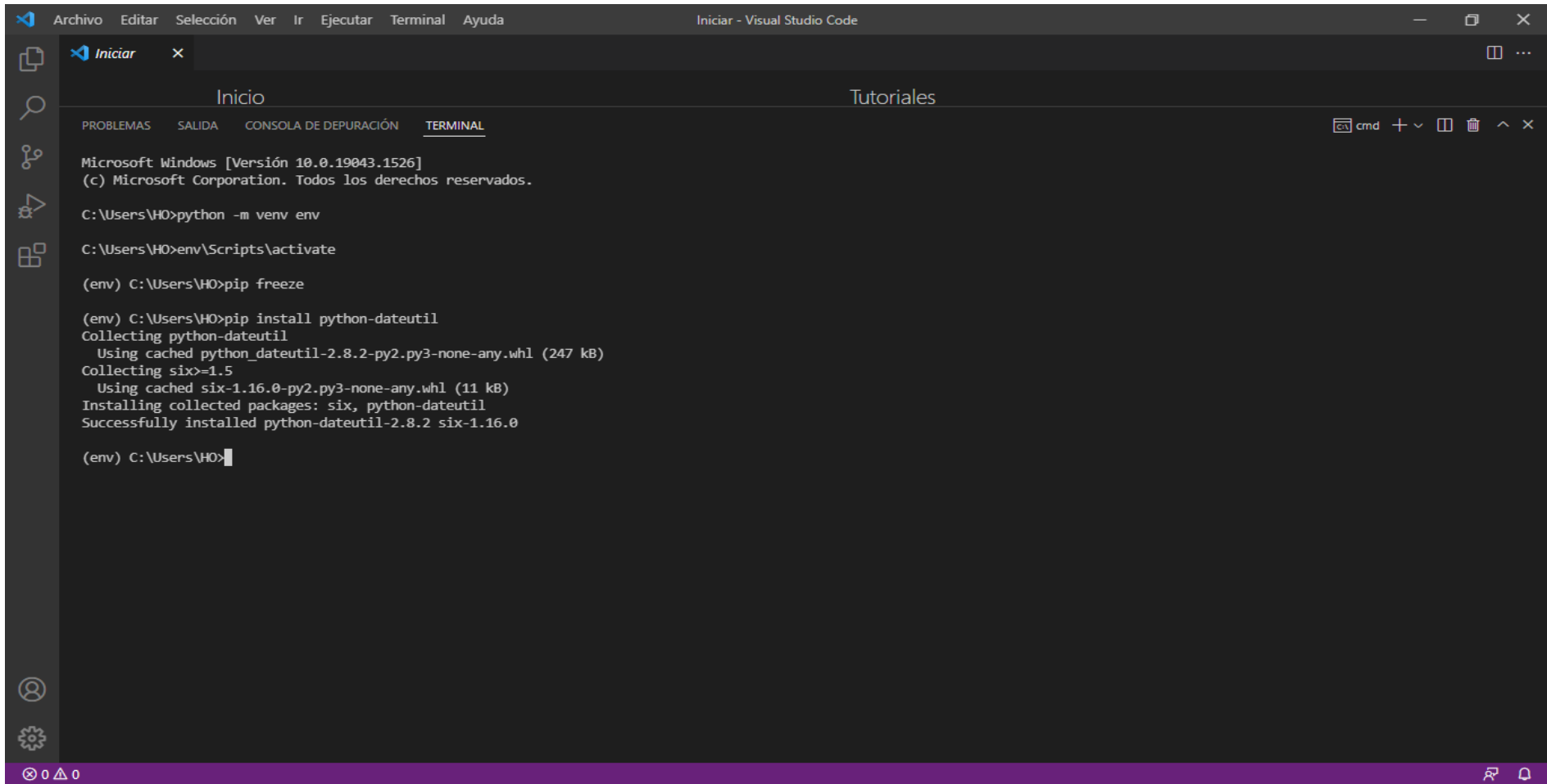


The image shows a screenshot of the Visual Studio Code interface. The top menu bar includes 'Archivo', 'Editar', 'Selección', 'Ver', 'Ir', 'Ejecutar', 'Terminal', and 'Ayuda'. The title bar says 'Iniciar - Visual Studio Code'. The main editor area is split into two panes: 'Inicio' (left) and 'Tutoriales' (right). The 'Inicio' pane has tabs for 'PROBLEMAS', 'SALIDA', 'CONSOLA DE DEPURACIÓN', and 'TERMINAL'. The 'TERMINAL' tab is active, showing a Windows command prompt session. The terminal output is as follows:

```
Microsoft Windows [Versión 10.0.19043.1526]  
(c) Microsoft Corporation. Todos los derechos reservados.  
  
C:\Users\HO>python -m venv env  
  
C:\Users\HO>env\Scripts\activate  
  
(env) C:\Users\HO>pip freeze  
  
(env) C:\Users\HO>pip install python-dateutil
```

The terminal window has a title bar that says 'cmd' and includes standard window controls. The bottom status bar shows '0 0 0' and some icons.

Un gran mensaje de salida de texto dice que está instalando tu biblioteca, y debe terminar con la siguiente oración:



The image shows a Visual Studio Code window with a terminal open. The terminal displays the output of a series of commands executed in a Windows environment. The commands and their outputs are as follows:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

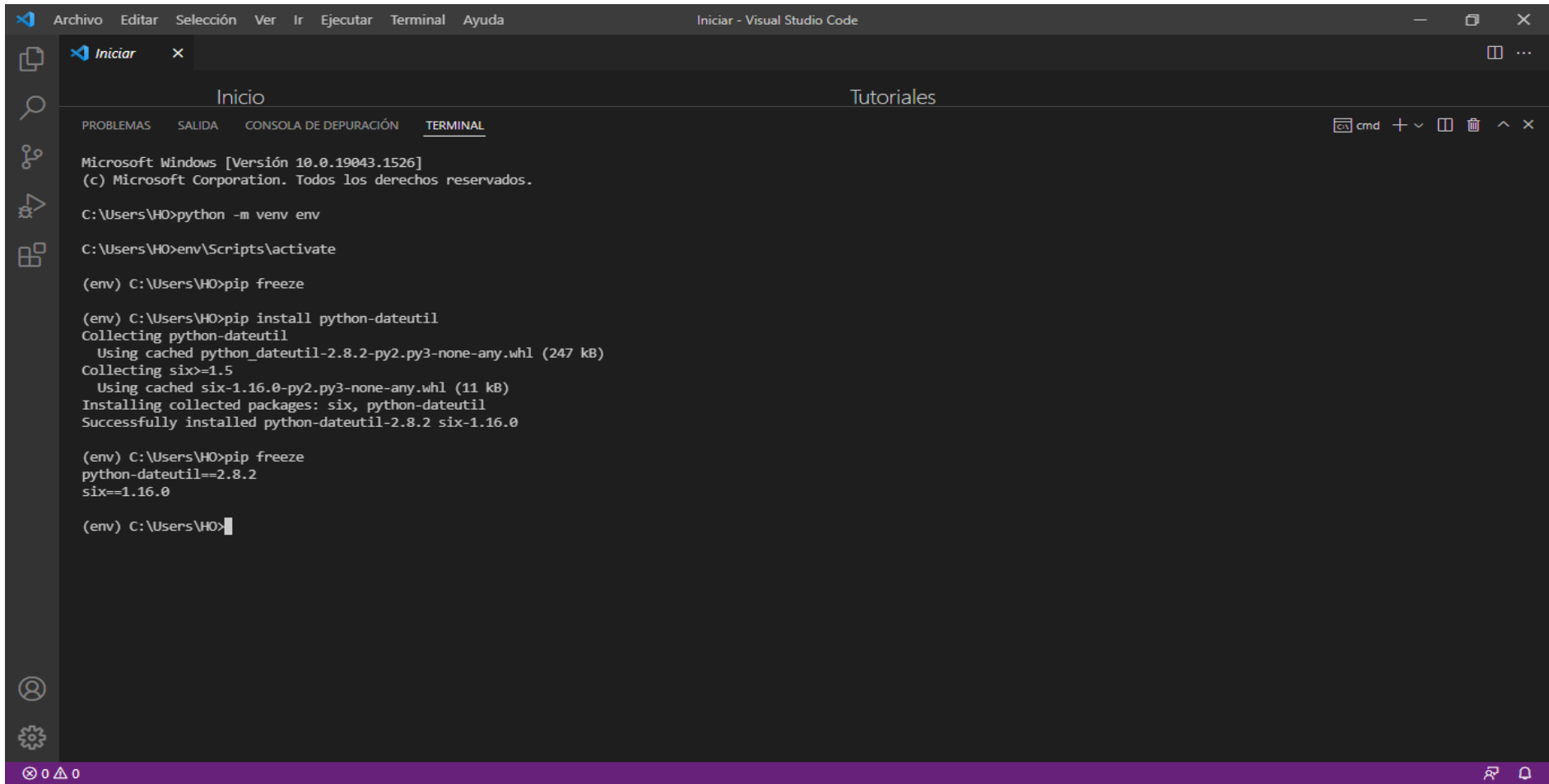
(env) C:\Users\HO>pip freeze

(env) C:\Users\HO>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0

(env) C:\Users\HO>
```

The terminal window has a dark theme and includes standard Windows command prompt output. The Visual Studio Code interface shows the 'Terminal' tab selected, with the file explorer on the left and the search bar at the top.

Vuelve a ejecutar `pip freeze` para ver cómo ha cambiado tu lista de bibliotecas:



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

(env) C:\Users\HO>pip freeze

(env) C:\Users\HO>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0

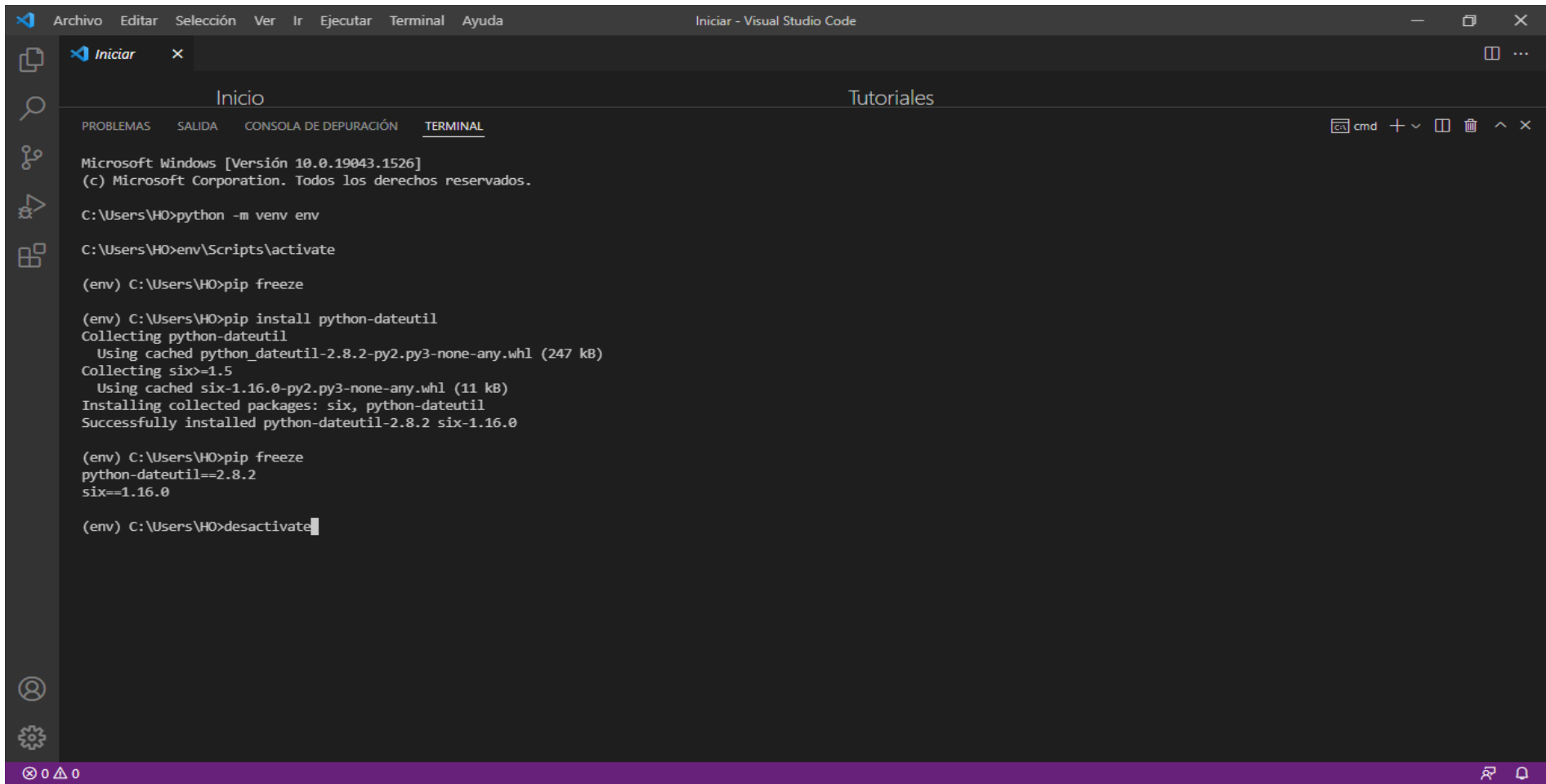
(env) C:\Users\HO>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\HO>
```

The terminal window is titled "cmd" and has a dark background. The Visual Studio Code interface includes a menu bar at the top with options like "Archivo", "Editar", "Selección", "Ver", "Ir", "Ejecutar", "Terminal", and "Ayuda". The status bar at the bottom shows "0 0 0" and some icons.

Desactivar un entorno virtual

Ejecuta el comando deactivate:



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

(env) C:\Users\HO>pip freeze

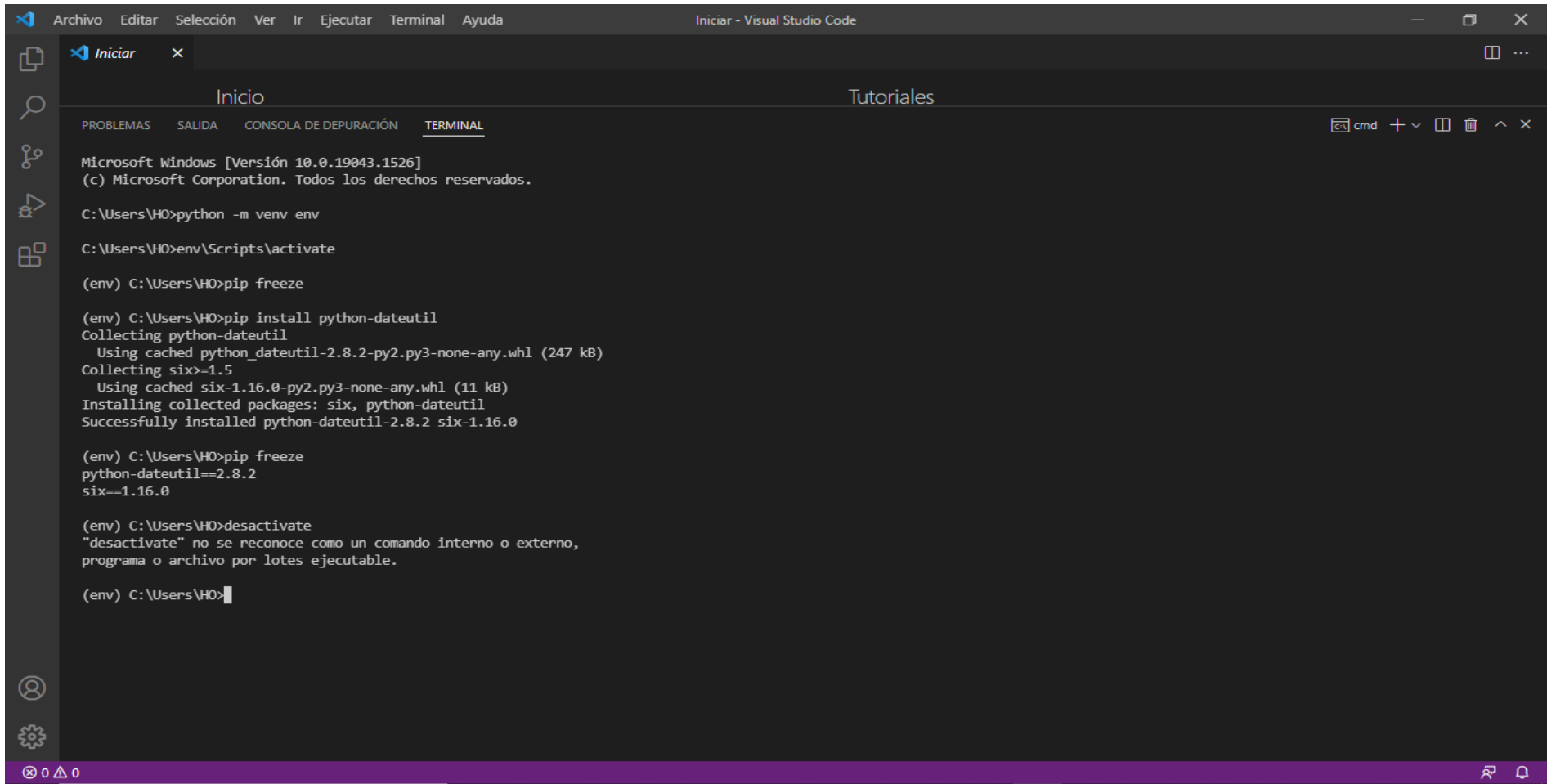
(env) C:\Users\HO>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0

(env) C:\Users\HO>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\HO>deactivate
```

The terminal window is titled "Iniciar" and has tabs for "Inicio" and "Tutoriales". The "TERMINAL" tab is active, showing the command prompt and the output of the commands. The status bar at the bottom shows "0 0 0" and a search icon.

Aquí me equivoque. Aquí coloque desactivate en lugar de deactivate.



The image shows a Visual Studio Code window with a terminal open. The terminal displays the following commands and output:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

(env) C:\Users\HO>pip freeze

(env) C:\Users\HO>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0

(env) C:\Users\HO>pip freeze
python-dateutil==2.8.2
six==1.16.0

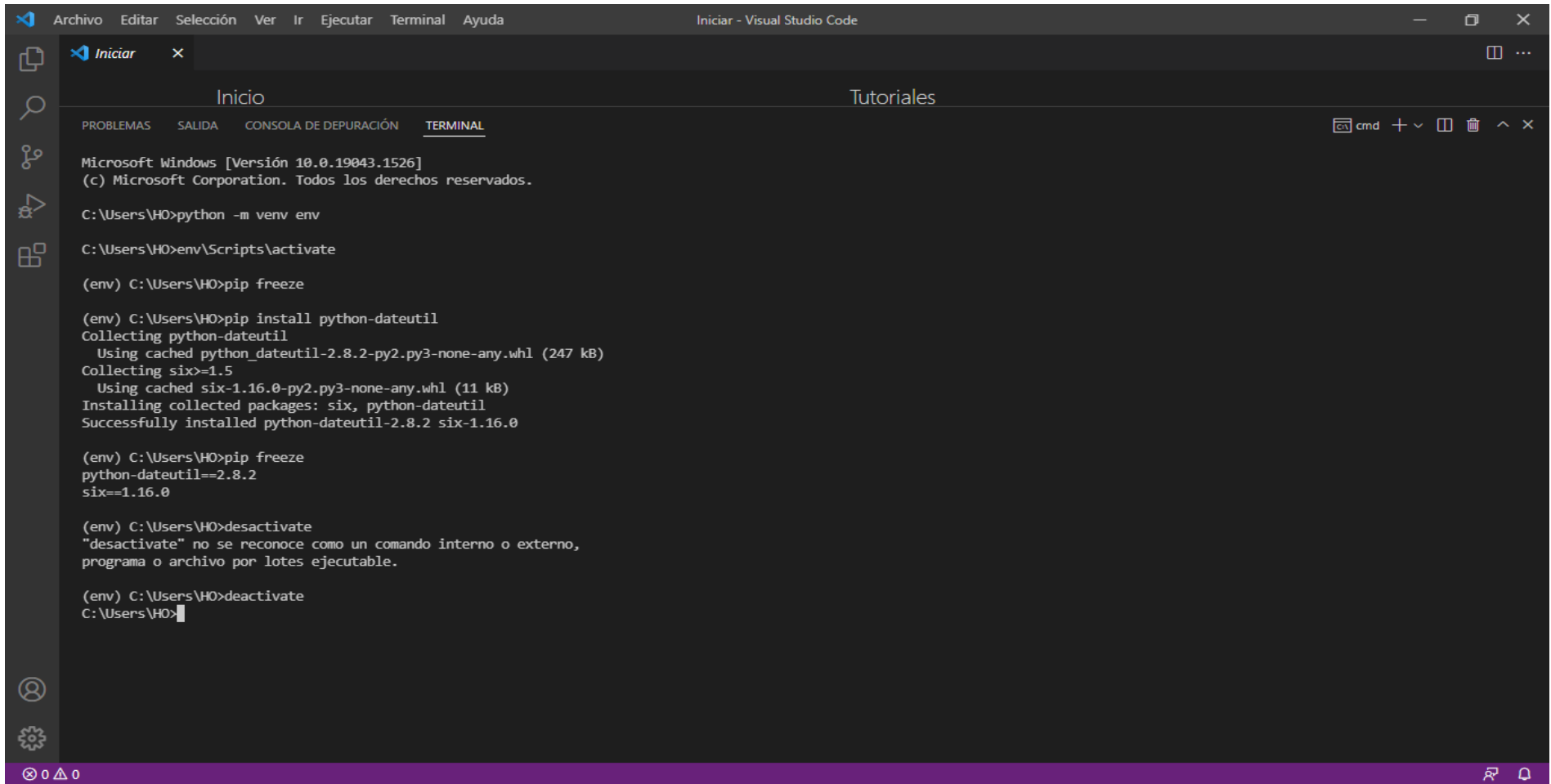
(env) C:\Users\HO>desactivate
"desactivate" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

(env) C:\Users\HO>
```

The terminal window has a dark theme and includes standard VS Code window controls at the top and bottom. The status bar at the bottom shows the file explorer icon, a search icon, and a settings icon.

Ejecuta el comando deactivate:

Cambia el mensaje de tu terminal (env) a cómo se veía antes.



The image shows a Visual Studio Code window with a terminal open. The terminal is titled 'Iniciar' and shows the following commands and output:

```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\HO>python -m venv env

C:\Users\HO>env\Scripts\activate

(env) C:\Users\HO>pip freeze

(env) C:\Users\HO>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six==1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0

(env) C:\Users\HO>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\HO>desactivate
"desactivate" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

(env) C:\Users\HO>deactivate
C:\Users\HO>
```

The terminal window has a menu bar with 'Archivo', 'Editar', 'Selección', 'Ver', 'Ir', 'Ejecutar', 'Terminal', and 'Ayuda'. The status bar at the bottom shows '0 0 0' and a search icon.