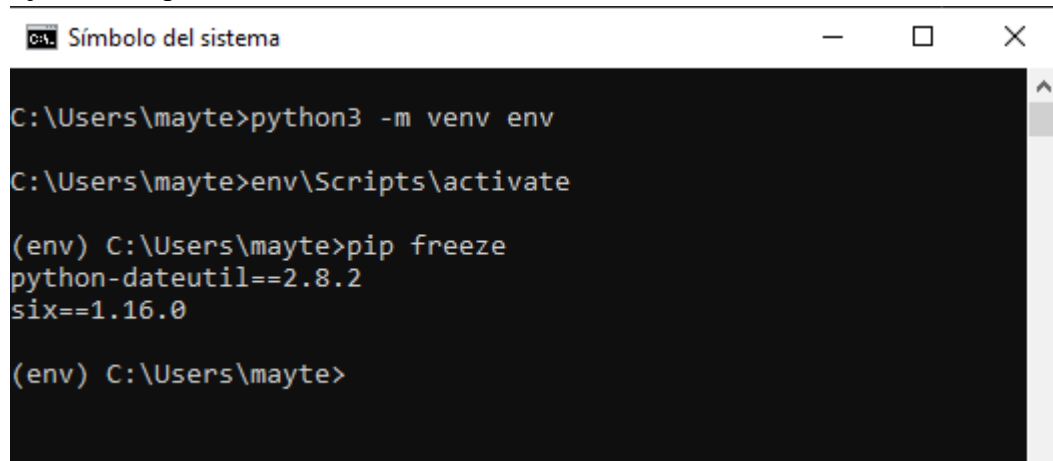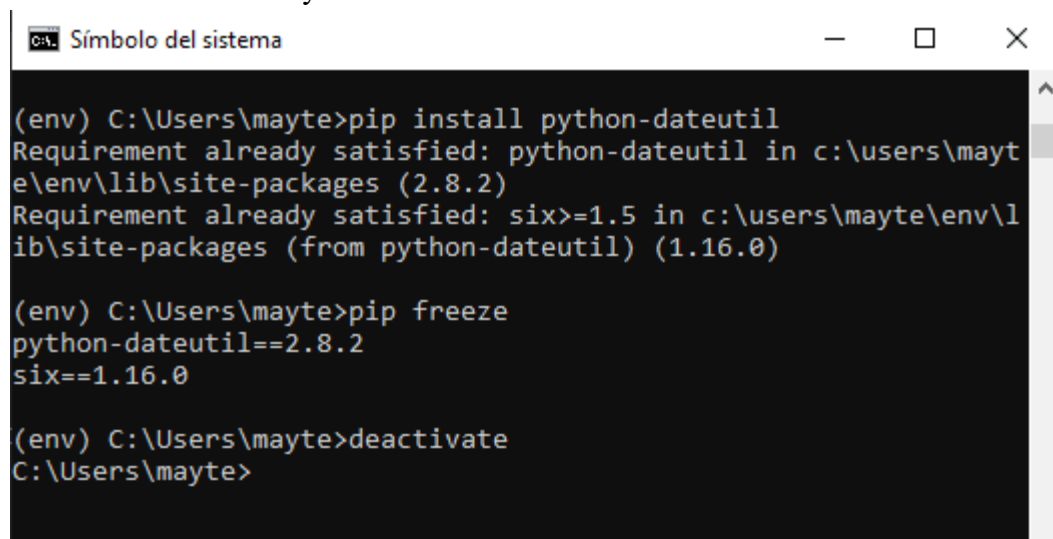Ejercicio: Aprende a crear un entorno virtual


```
C:\Users\mayte>python3 -m venv env

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

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

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

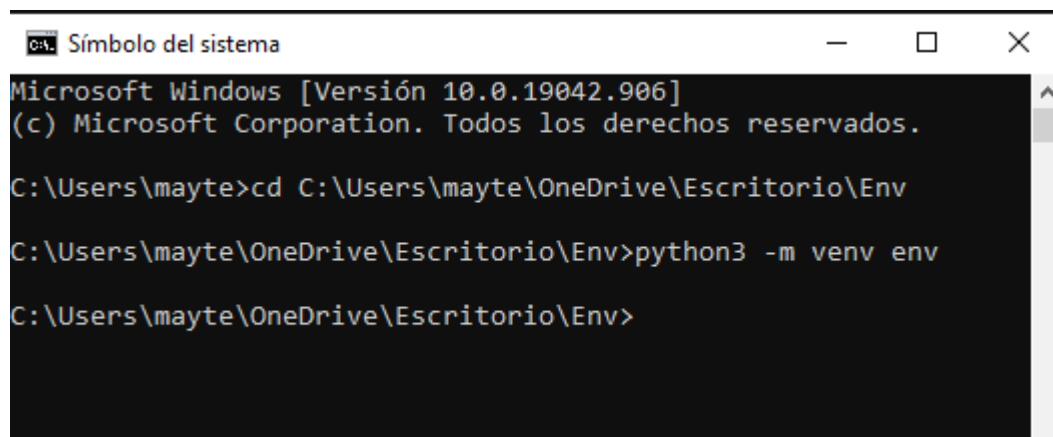Instalar una biblioteca y desactivar el entorno virtual


```
(env) C:\Users\mayte>pip install python-dateutil
Requirement already satisfied: python-dateutil in c:\users\mayt
e\env\lib\site-packages (2.8.2)
Requirement already satisfied: six>=1.5 in c:\users\mayte\env\l
ib\site-packages (from python-dateutil) (1.16.0)

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

(env) C:\Users\mayte>deactivate
C:\Users\mayte>
```
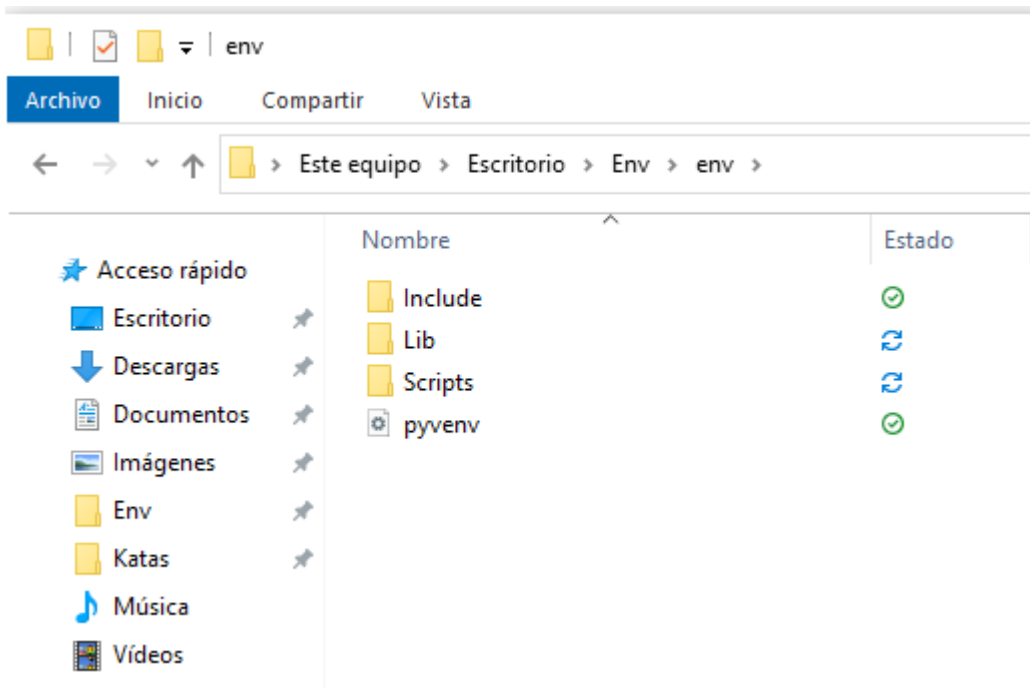
Creación de un entorno virtual


```
Microsoft Windows [Versión 10.0.19042.906]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\mayte>cd C:\Users\mayte\OneDrive\Escritorio\Env

C:\Users\mayte\OneDrive\Escritorio\Env>python3 -m venv env

C:\Users\mayte\OneDrive\Escritorio\Env>
```
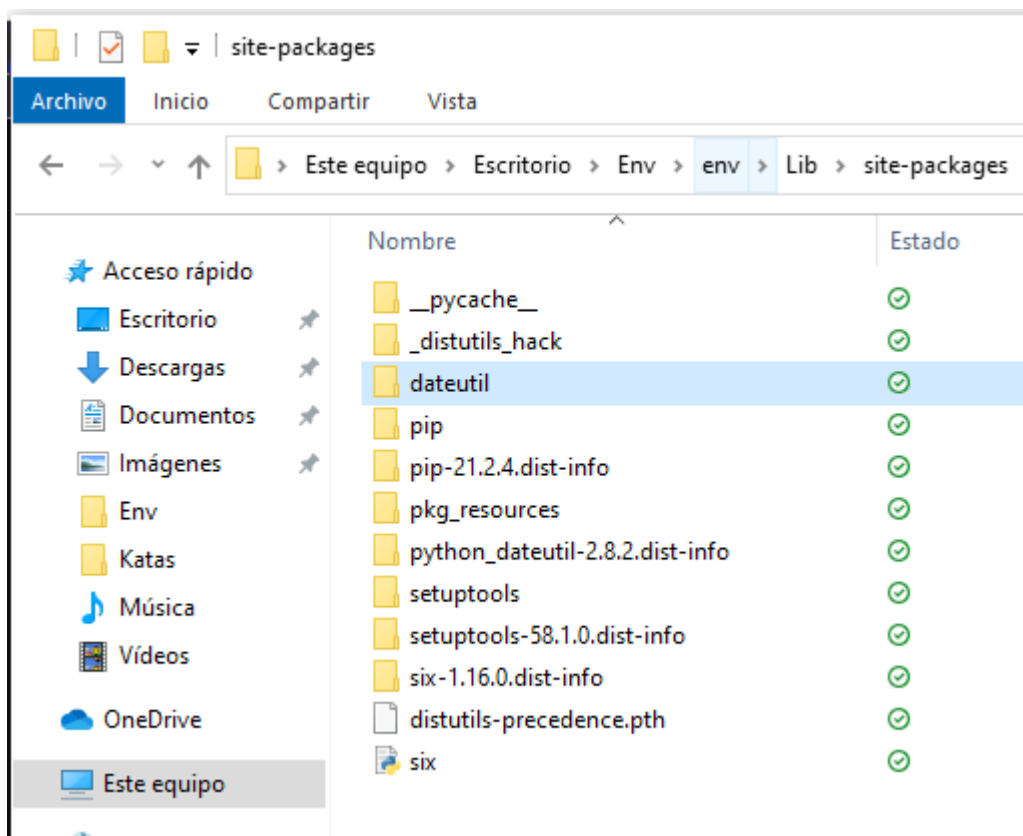
Nuevos directorios

Activar el entorno virtual

```
C:\Users\mayte\OneDrive\Escritorio\Env>env\Scripts\activate

(env) C:\Users\mayte\OneDrive\Escritorio\Env>
```

Instalar un paquete

```
(env) C:\Users\mayte\OneDrive\Escritorio\Env>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
WARNING: You are using pip version 21.2.4; however, version 22.
0.3 is available.
You should consider upgrading via the 'C:\Users\mayte\OneDrive\
Escritorio\Env\env\Scripts\python.exe -m pip install --upgrade
pip' command.
```

Comando para instalación de paquete

```
(env) C:\Users\mayte\OneDrive\Escritorio\Env>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\mayte\OneDrive\Escritorio\Env>
```

Salir del entorno virtual

```
(env) C:\Users\mayte\OneDrive\Escritorio\Env>deactivate
C:\Users\mayte\OneDrive\Escritorio\Env>
```

Usar un paquete instalado

Archivo   Editar   Selección   Ver   Ir   Ejecutar   ...

Iniciar   app.py   ×

C: > Users > mayte > OneDrive > Escritorio > Env > env > src > app.py > ...

```python
1    from datetime import *
2    from dateutil.relativedelta import *
3    now = datetime.now()
4    print(now)
5
6    now = now + relativedelta(months=1, weeks=1, hour=10)
7
8    print(now)
9
10
```

PROBLEMAS 9   SALIDA   CONSOLA DE DEPURACIÓN   TERMINAL   ...   [>] Python + ∨ ▯ 🗑

```
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\mayte> & C:/Users/mayte/AppData/Local/Microsoft/WindowsApps/python3.9.ex
ers/mayte/OneDrive/Escritorio/Env/env/src/app.py
2022-02-12 21:24:10.418371
2022-03-19 10:24:10.418371
PS C:\Users\mayte>
```

⊗ 3 ⚠ 6   Lín. 10, col. 1   Espacios: 4   UTF-8   CRLF   {} Python