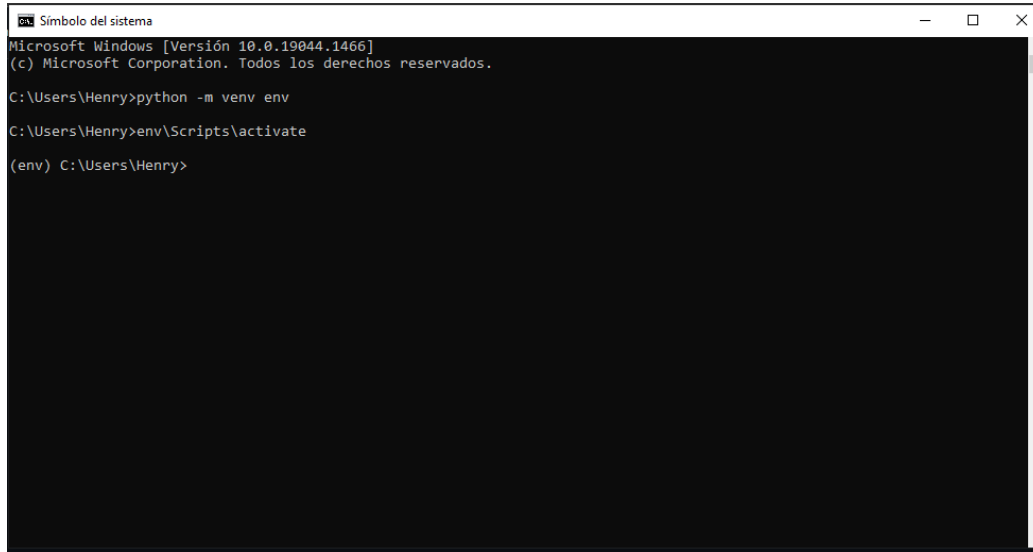


Ejercicio - Crear un paquete

-Crear un entorno virtual

- Ejecute en el cmd el siguiente comando ***python -m venv env***
- Ejecute el comando para poder activar el entorno virtual:
env\Scripts\activate

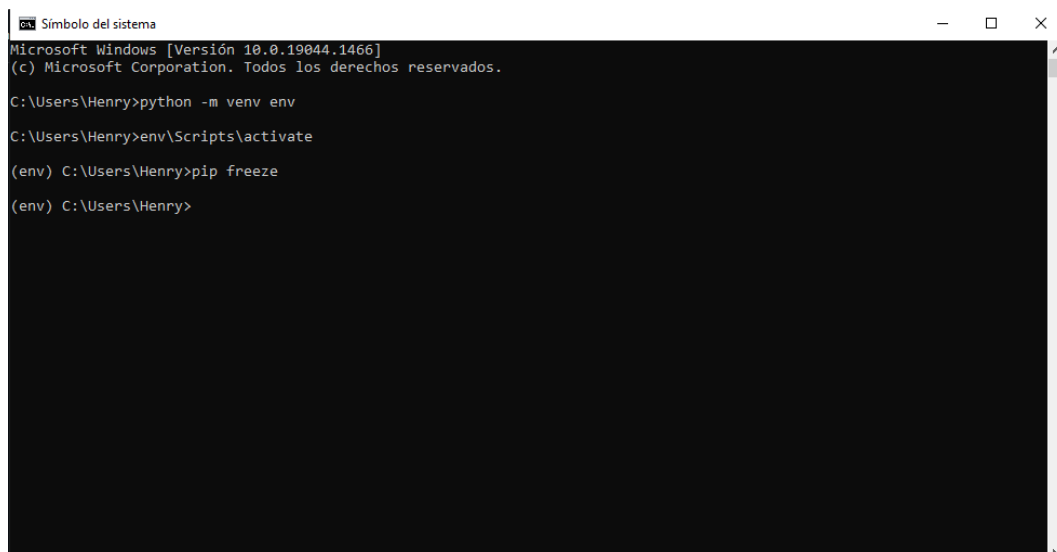


```
Simbolo del sistema
Microsoft Windows [Versión 10.0.19044.1466]
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C:\Users\Henry>python -m venv env
C:\Users\Henry>env\Scripts\activate
(env) C:\Users\Henry>
```

-Instalar una biblioteca

- Ejecute el comando ***pip freeze*** para poder ver las bibliotecas instaladas en el entorno virtual:



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

- Ejecute el comando ***pip install python-dateutil*** para poder instalar una biblioteca

```
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C:\Users\Henry>python -m venv env

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

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

(env) C:\Users\Henry>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\Henry\env\Scripts\python.exe -m pip install --upgrade pip' command.

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

- Volví a ejecutar ***pip freeze*** para ver la lista de bibliotecas que se encontraban en el entorno virtual

```
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C:\Users\Henry>python -m venv env

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

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

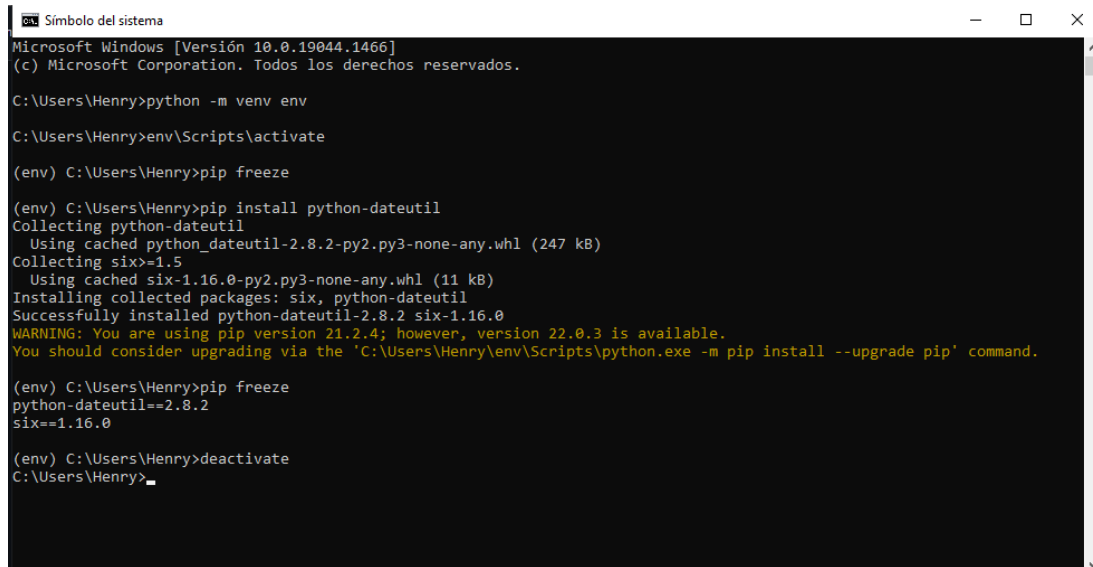
(env) C:\Users\Henry>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2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

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

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

-Desactivar un entorno virtual

- Ejecute el comando ***deactivate*** para salir del entorno virtual



```
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C:\Users\Henry>python -m venv env

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

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

(env) C:\Users\Henry>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\Henry\env\Scripts\python.exe -m pip install --upgrade pip' command.

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

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