

EJERCICIO 1: Crear un paquete

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

```
Símbolo del sistema
Microsoft Windows [Versión 10.0.19043.1526]
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C:\Users\falibo>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>
```

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

```
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C:\Users\falibo>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>env\Scripts\activate
(env) C:\Launch X>
```

Ejecuta el comando pip freeze para ver las bibliotecas instaladas en tu entorno:

```
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C:\Users\falibox>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>env\Scripts\activate
(env) C:\Launch X>pip freeze
(env) C:\Launch X>
```

Ejecuta el comando pip install para instalar una biblioteca:

```
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C:\Users\falibox>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>env\Scripts\activate
(env) C:\Launch X>pip freeze
(env) C:\Launch X>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 21.1.1; however, version 22.0.3 is available.
You should consider upgrading via the 'c:\launch x\env\scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Launch X>
```

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

```
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C:\Users\falibox>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>env\Scripts\activate
(env) C:\Launch X>pip freeze

(env) C:\Launch X>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 21.1.1; however, version 22.0.3 is available.
You should consider upgrading via the 'c:\launch x\env\scripts\python.exe -m pip install --upgrade pip' command.

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

(env) C:\Launch X>
```

Ejecuta el comando deactivate:

```
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C:\Users\falibox>cd..
C:\Users>cd..
C:\>cd Launch X
C:\Launch X>python -m venv env
C:\Launch X>env\Scripts\activate
(env) C:\Launch X>pip freeze

(env) C:\Launch X>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 21.1.1; however, version 22.0.3 is available.
You should consider upgrading via the 'c:\launch x\env\scripts\python.exe -m pip install --upgrade pip' command.

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

(env) C:\Launch X>deactivate
C:\Launch X>
```