Crear un entorno virtual

- Crea un entorno virtual mediante venv

python3 -m venv env o bien python -m venv env

```
C:\Users\bynot\Desktop\Kata2>python -m venv env

C:\Users\bynot\Desktop\Kata2>
```

- source env/bin/activate

```
C:\Users\bynot\Desktop\Kata2>cd env

C:\Users\bynot\Desktop\Kata2\env>cd Scripts

C:\Users\bynot\Desktop\Kata2\env\Scripts>activate

(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>
```

Instalar una biblioteca

Ahora que estás dentro de tu entorno virtual, puedes instalar una biblioteca y saber que la biblioteca solo existirá en el entorno virtual.

- pip freeze para ver las bibliotecas instaladas en tu entorno:

```
(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>pip freeze

(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>
```

- pip install para instalar una biblioteca:

pip install python-dateutil

```
(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>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\bynot\Desktop\Kata2\env\Scripts\python.exe -m pip install --upgrade pip' command.

(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>
```

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

```
(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>
```

Desactivar un entorno virtual

• Ejecuta el comando deactivate:

```
(env) C:\Users\bynot\Desktop\Kata2\env\Scripts>deactivate
C:\Users\bynot\Desktop\Kata2\env\Scripts>
```