Instalación

```
Símbolo del sistema                                                    —    □    ✕

Microsoft Windows [Versión 10.0.22000.493]
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C:\Users\Roy>py --version
Python 3.10.2

C:\Users\Roy>pip install virtualenv
Collecting virtualenv
  Downloading virtualenv-20.13.1-py2.py3-none-any.whl (8.6 MB)
     |████████████████████████████| 8.6 MB 19 kB/s
Requirement already satisfied: platformdirs<3,>=2 in c:\users\roy\appdata\roaming\python\python310\site-packages (from v
irtualenv) (2.5.1)
Collecting filelock<4,>=3.2
  Downloading filelock-3.6.0-py3-none-any.whl (10.0 kB)
Collecting distlib<1,>=0.3.1
  Downloading distlib-0.3.4-py2.py3-none-any.whl (461 kB)
     |████████████████████████████| 461 kB 1.3 MB/s
Requirement already satisfied: six<2,>=1.9.0 in c:\users\roy\appdata\roaming\python\python310\site-packages (from virtua
lenv) (1.16.0)
Installing collected packages: filelock, distlib, virtualenv
Successfully installed distlib-0.3.4 filelock-3.6.0 virtualenv-20.13.1
WARNING: You are using pip version 21.2.4; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\Roy\AppData\Local\Programs\Python\Python310\python.exe -m pip install --
upgrade pip' command.

C:\Users\Roy>
```

Creación del entorno

```
C:\Users\Roy>python3 -m venv env
No se encontró Python; ejecuta sin argumentos para instalar desde Microsoft Store o deshabilita este acceso directo
n > Administrar alias de ejecución de la aplicación.

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

C:\Users\Roy>source env/bin/activate
"source" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\Roy>virtualenv env
created virtual environment CPython3.10.2.final.0-64 in 5246ms
  creator CPython3Windows(dest=C:\Users\Roy\env, clear=False, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=C:\Users\Roy
l\pypa\virtualenv)
    added seed packages: pip==22.0.3, setuptools==60.6.0, wheel==0.37.1
  activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator

C:\Users\Roy>
```

Activación entorno

```
C:\Users\Roy>env\Scripts\activate

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

Instalación de biblioteca

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

Ver bibliotecas en entorno virtual

biblioteca, y debe terminar con la siguiente oración.

Símbolo del sistema

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

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