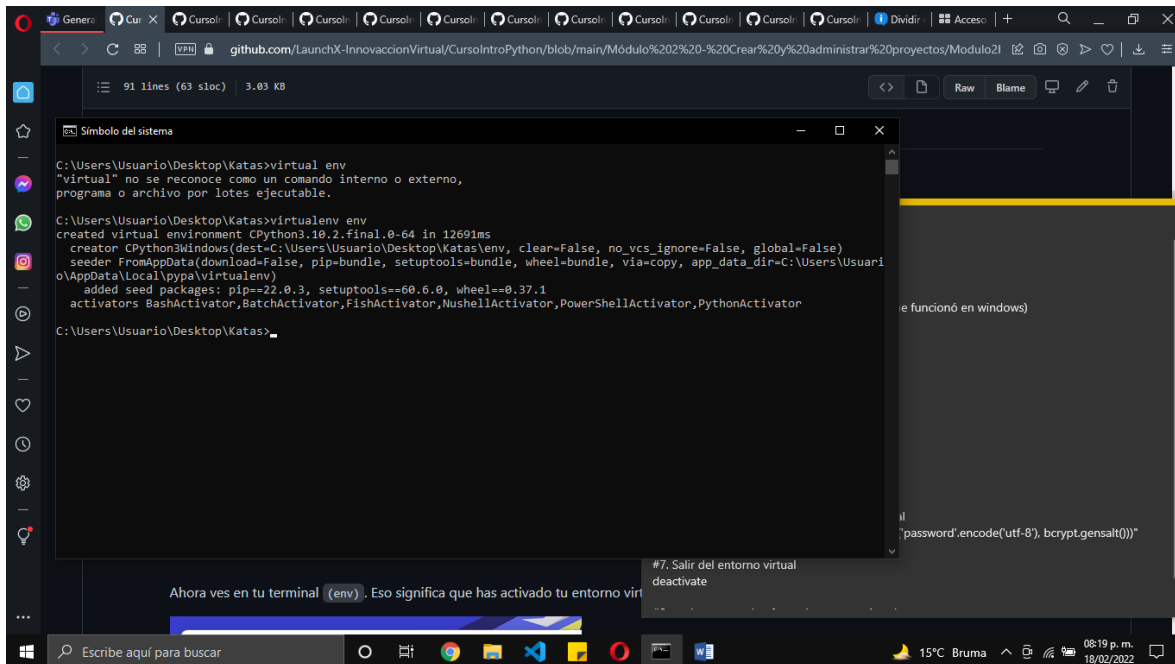


```
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Usuario>cd Desktop
C:\Users\Usuario\Desktop>cd Katas
C:\Users\Usuario\Desktop\Katas>pip install virtualenv
Requirement already satisfied: virtualenv in c:\users\usuario\appdata\local\programs\python\python310\lib\site-packages
(20.19.1)
Requirement already satisfied: distlib<1,>=0.3.1 in c:\users\usuario\appdata\local\programs\python\python310\lib\site-pa
ckages (from virtualenv) (0.3.4)
Requirement already satisfied: six<2,>=1.9.0 in c:\users\usuario\appdata\roaming\python\python310\site-packages (from vi
rtualenv) (1.16.0)
Requirement already satisfied: platformdirs<3,>=2 in c:\users\usuario\appdata\roaming\python\python310\site-packages (fr
om virtualenv) (2.4.1)
Requirement already satisfied: filelock<4,>=3.2 in c:\users\usuario\appdata\local\programs\python\python310\lib\site-pac
kages (from virtualenv) (3.4.2)
WARNING: You are using pip version 21.2.4; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\Usuario\AppData\Local\Programs\Python\Python310\python.exe -m pip instal
l --upgrade pip' command.

C:\Users\Usuario\Desktop\Katas>
```

Instalación de virtualenv:
pip install virtualenv



```
C:\Users\Usuario\Desktop\Katas>virtual env
"virtual" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\Usuario\Desktop\Katas>virtualenv env
created virtual environment CPython3.10.2.final.0-64 in 12691ms
creator CPython3Windows(dest=C:\Users\Usuario\Desktop\Katas\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\Usuari
o\AppData\Local\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\Usuario\Desktop\Katas>
```

Creación de entorno virtual:
virtualenv env

```
Símbolo del sistema
You should consider upgrading via the 'C:\Users\Usuario\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\Usuario\Desktop\Katas>virtual env
"virtual" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\Usuario\Desktop\Katas>virtualenv env
created virtual environment CPython3.10.2.final.0-64 in 12691ms
  creator CPythonWindows(dest=C:\Users\Usuario\Desktop\Katas\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\Usuario\AppData\Local\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\Usuario\Desktop\Katas>env\Scripts\activate

(env) C:\Users\Usuario\Desktop\Katas>
```

Activación de entorno virtual:
env\Scripts\activate

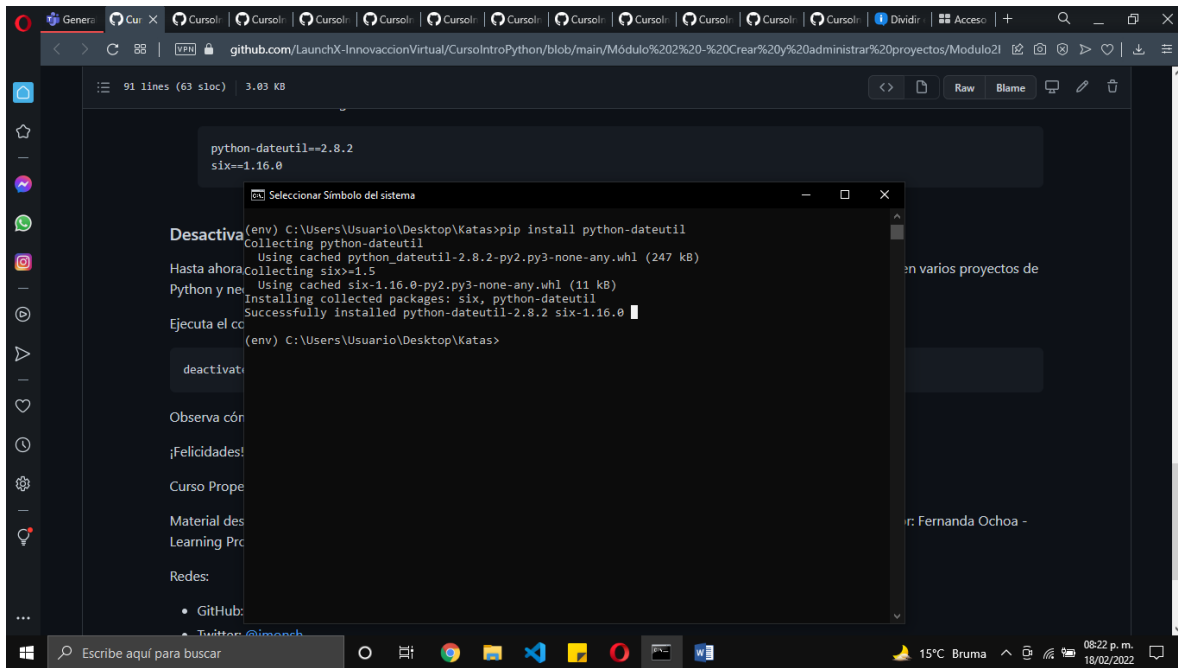
```
91 lines (63 sloc) | 3.03 KB

Instalar una biblioteca

Símbolo del sistema
PythonActivator
C:\Users\Usuario\Desktop\Katas>env\Scripts\activate
(env) C:\Users\Usuario\Desktop\Katas>pip freeze
(env) C:\Users\Usuario\Desktop\Katas>
```

```
pip freeze
```

Revisión de bibliotecas instaladas:
pip freeze



```
python-dateutil==2.8.2
six==1.16.0

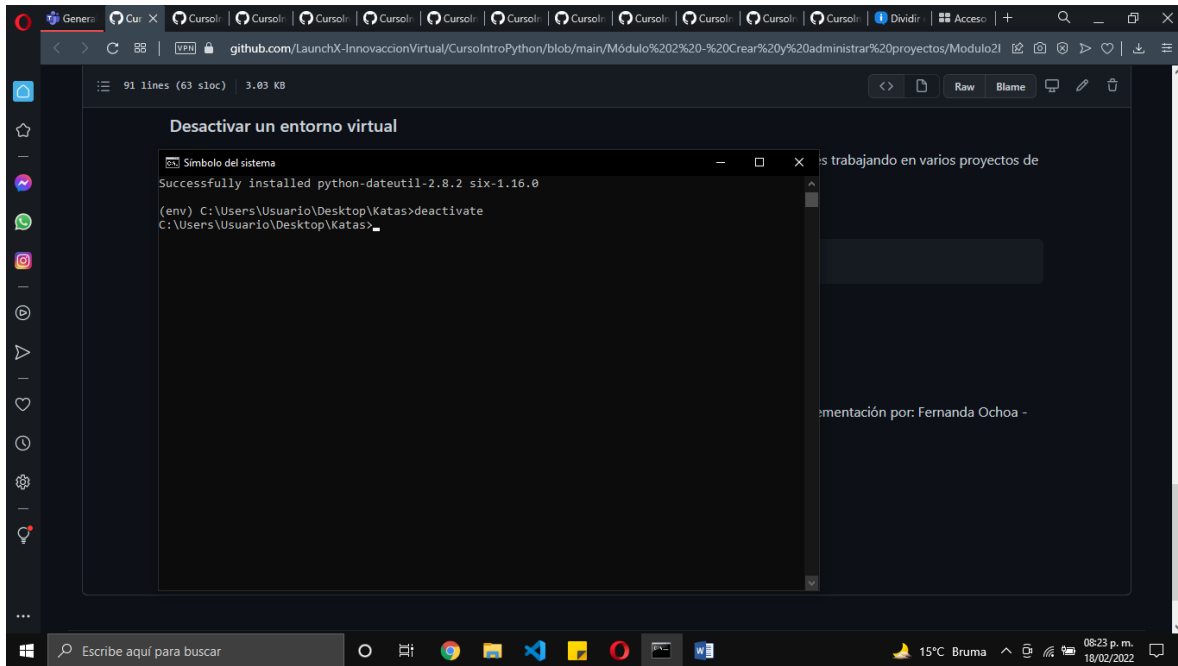
Desactivar un entorno virtual

(env) C:\Users\Usuario\Desktop\Katas>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 KB)
Installing collected packages: python-dateutil
Successfully installed python-dateutil-2.8.2
(env) C:\Users\Usuario\Desktop\Katas>
```

Instalación de biblioteca:

`pip install python-dateutil`

Ejecución de pip freeze para ver los cambios en la biblioteca



```
Desactivar un entorno virtual

Símbolo del sistema
Successfully installed python-dateutil-2.8.2 six-1.16.0

(env) C:\Users\Usuario\Desktop\Katas>deactivate
C:\Users\Usuario\Desktop\Katas>
```

Desactivación de entorno virtual:

`deactivate`