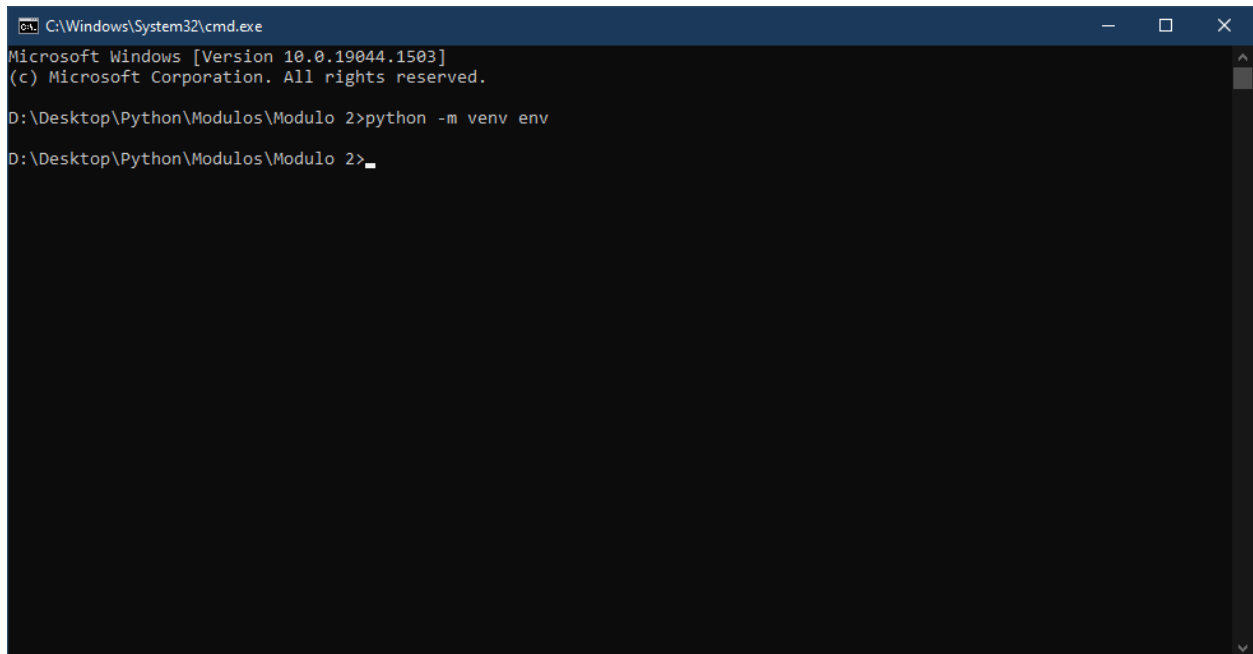
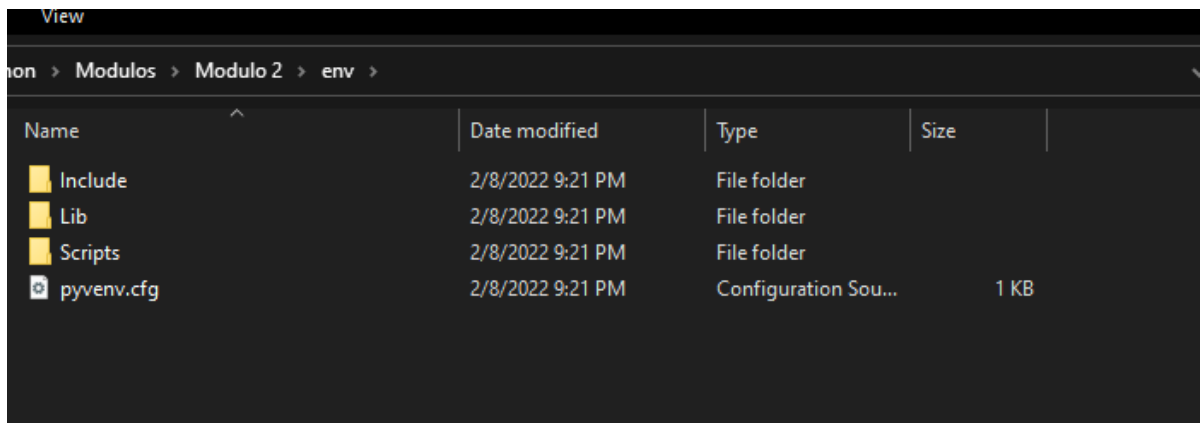


Crear un entorno virtual



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1503]
(c) Microsoft Corporation. All rights reserved.

D:\Desktop\Python\Modulos\Modulo 2>python -m venv env
D:\Desktop\Python\Modulos\Modulo 2>
```



View

ion > Modulos > Modulo 2 > env >

Name	Date modified	Type	Size
Include	2/8/2022 9:21 PM	File folder	
Lib	2/8/2022 9:21 PM	File folder	
Scripts	2/8/2022 9:21 PM	File folder	
pyvenv.cfg	2/8/2022 9:21 PM	Configuration Sou...	1 KB

Activar el entorno virtual

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1503]
(c) Microsoft Corporation. All rights reserved.

D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>.\activate

(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>
```

Instalar un paquete

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1503]
(c) Microsoft Corporation. All rights reserved.

D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>.\activate

(env) D:\Desktop\Python\Modulos\Modulo 2\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 'D:\Desktop\Python\Modulos\Modulo 2\env\Scripts\python.exe -m pip install --upgrad
e pip' command.

(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>
```

Python > Modulos > Modulo 2 > env > Lib > site-packages

Name	Date modified	Type	Size
pycache	2/8/2022 9:37 PM	File folder	
_distutils_hack	2/8/2022 9:21 PM	File folder	
dateutil	2/8/2022 9:37 PM	File folder	
pip	2/8/2022 9:21 PM	File folder	
pip-21.2.4.dist-info	2/8/2022 9:21 PM	File folder	
pkg_resources	2/8/2022 9:21 PM	File folder	
python_dateutil-2.8.2.dist-info	2/8/2022 9:37 PM	File folder	
setuptools	2/8/2022 9:21 PM	File folder	
setuptools-58.1.0.dist-info	2/8/2022 9:21 PM	File folder	
six-1.16.0.dist-info	2/8/2022 9:37 PM	File folder	
distutils-precedence.pth	2/8/2022 9:21 PM	PTH File	1 KB
six.py	2/8/2022 9:37 PM	Python File	34 KB

```

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1503]
(c) Microsoft Corporation. All rights reserved.

D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>.\activate

(env) D:\Desktop\Python\Modulos\Modulo 2\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 'D:\Desktop\Python\Modulos\Modulo 2\env\Scripts\python.exe -m pip install --upgrade pip' command.

(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>_

```

Desactivar un entorno virtual

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1503]
(c) Microsoft Corporation. All rights reserved.

D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>.\activate

(env) D:\Desktop\Python\Modulos\Modulo 2\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 'D:\Desktop\Python\Modulos\Modulo 2\env\Scripts\python.exe -m pip install --upgrad
e pip' command.

(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>pip freeze
python-dateutil==2.8.2
six==1.16.0

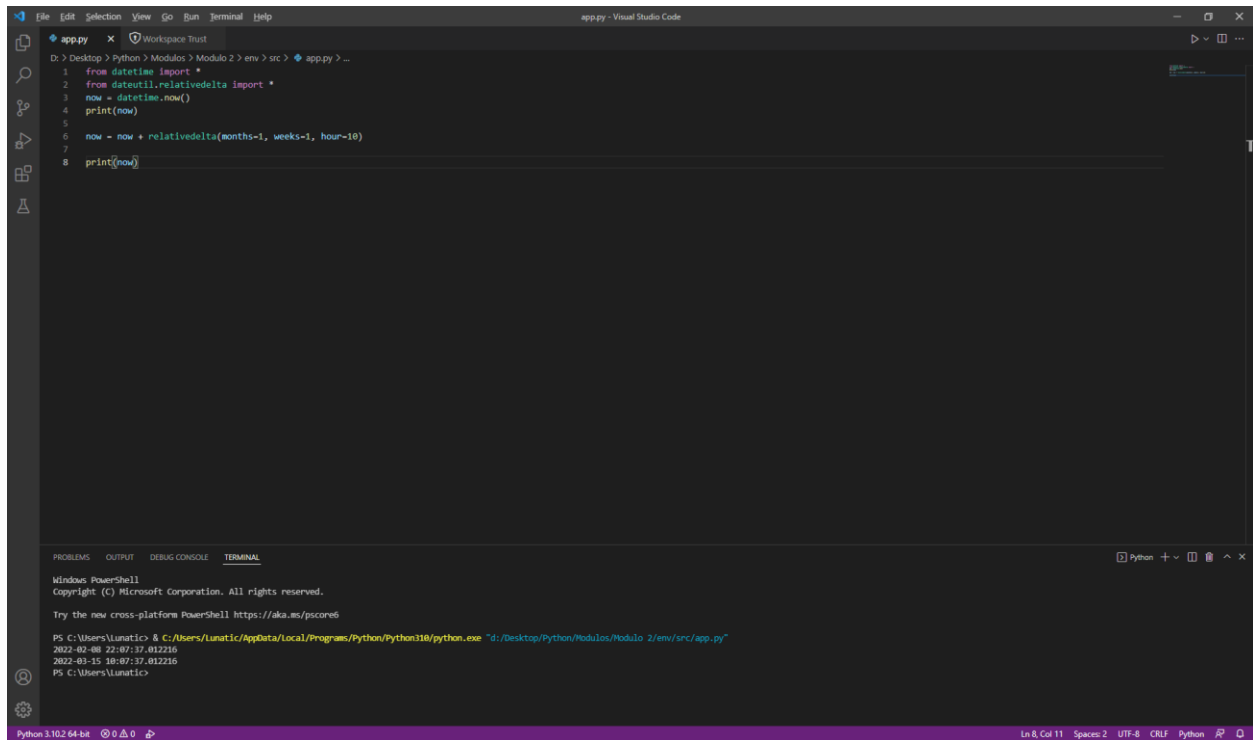
(env) D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>deactivate
D:\Desktop\Python\Modulos\Modulo 2\env\Scripts>
```

```
C:\Windows\System32\cmd.exe

pandocfilters==1.5.0
parso==0.8.3
pathspec==0.9.0
pickleshare==0.7.5
Pillow==9.0.1
platformdirs==2.4.1
prometheus-client==0.13.1
prompt-toolkit==3.0.27
pure-eval==0.2.2
pycparser==2.21
Pygments==2.11.2
pyparsing==3.0.7
pyrsistent==0.18.1
python-dateutil==2.8.2
pywin32==303
pywinpty==2.0.2
pyzmq==22.3.0
Send2Trash==1.8.0
six==1.16.0
stack-data==0.1.4
terminado==0.13.1
testpath==0.5.0
tomli==2.0.0
tornado==6.1
traitlets==5.1.1
wcwidth==0.2.5
webencodings==0.5.1
widgetsnbextension==3.5.2

D:\Desktop\Python\Modulos\Modulo 2>
```

Usar un paquete instalado



The screenshot shows the Visual Studio Code interface with a Python file named `app.py` open. The code in the file is as follows:

```
D:\> Desktop > Python > Modulos > Modulo 2 > env > src > app.py > ...  
1 from datetime import *  
2 from datetime.datetime import *  
3 now = datetime.now()  
4 print(now)  
5  
6 now = now + relativedelta(months=1, weeks=1, hour=10)  
7  
8 print(now)
```

Below the editor, the TERMINAL panel is active, showing the execution of the script in a Windows PowerShell environment:

```
Windows PowerShell  
Copyright (c) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/powershell  
  
PS C:\Users\lunatic> & C:\Users\lunatic\AppData\Local\Programs\Python\Python110\python.exe "d:/Desktop/Python/Modulos/Modulo 2/env/src/app.py"  
2022-02-08 22:07:37.012216  
2022-03-15 10:07:37.012216  
PS C:\Users\lunatic>
```

The status bar at the bottom indicates the file is a Python 3.10.2 64-bit script, using UTF-8 encoding with CRLF line endings.