# KATA MÓDULO 2: Creación de entorno virtual

### Ejecución de instrucciones en command prompt y salida de las mismas:

```
1 Windows PowerShell
2 Copyright (C) Microsoft Corporation. All rights reserved.
4 Try the new cross-platform PowerShell https://aka.ms/pscore6
6 PS C:\Users\USUARIO_PC\Documents\RESPALDO_2\SOFTTEK\Python irc> &
7 C:/Users/USUARIO PC/AppData/Local/Programs/Python/Python310/python.exe
8 c:\Users\USUARIO PC\.vscode\extensions\ms-python.python-2021.12.1559732655\pythonFiles\shell exec.py
9 C:/Users/USUARIO PC/AppData/Local/Programs/Python/Python310/python.exe -m pip install -U ipykernel
10 C:/TEMP/tmp-13368RVfoM4Szr5Cc.log
11 Executing command in shell >> C:/Users/USUARIO PC/AppData/Local/Programs/Python/Python310/python.exe -m pip
12 install -U ipykernel
13 Collecting ipykernel
   Downloading ipykernel-6.9.0-py3-none-any.whl (128 kB)
14
      | 128 kB 939 kB/s
15
16 Collecting nest-asyncio
17 Downloading nest asyncio-1.5.4-py3-none-any.whl (5.1 kB)
18 Collecting traitlets<6.0,>=5.1.0
   Downloading traitlets-5.1.1-py3-none-any.whl (102 kB)
2.0
      | 102 kB 1.3 MB/s
21 Collecting tornado<7.0,>=4.2
   Downloading tornado-6.1.tar.gz (497 kB)
      | 497 kB 6.4 MB/s
24 Collecting jupyter-client<8.0
   Downloading jupyter client-7.1.2-py3-none-any.whl (130 kB)
        | 130 kB ...
27 Collecting matplotlib-inline<0.2.0,>=0.1.0
   Downloading matplotlib inline-0.1.3-py3-none-any.whl (8.2 kB)
29 Collecting debugpy<2.0,>=1.0.0
   Downloading debugpy-1.5.1-cp310-cp310-win amd64.whl (4.4 MB)
      32 Collecting ipython>=7.23.1
33
   Downloading ipython-8.0.1-py3-none-any.whl (747 kB)
      35 Collecting stack-data
36 Downloading stack data-0.1.4-py3-none-any.whl (20 kB)
37 Collecting jedi>=0.16
   Downloading jedi-0.18.1-py2.py3-none-any.whl (1.6 MB)
       | 1.6 MB 6.8 MB/s
40 Collecting colorama
  Downloading colorama-0.4.4-py2.py3-none-any.whl (16 kB)
42 Collecting decorator
43 Downloading decorator-5.1.1-py3-none-any.whl (9.1 kB)
44 Collecting prompt-toolkit!=3.0.0,!=3.0.1,<3.1.0,>=2.0.0
    Downloading prompt toolkit-3.0.27-py3-none-any.whl (380 kB)
      46
47 Collecting pygments
   Downloading Pygments-2.11.2-py3-none-any.whl (1.1 MB)
49
      | 1.1 MB 6.8 MB/s
```

#### ILSE MARÍA ROMERO CORDERO

```
50 Collecting black
 51
    Downloading black-22.1.0-cp310-cp310-win amd64.whl (1.1 MB)
        | 1.1 MB 6.4 MB/s
 53 Collecting pickleshare
 54 Downloading pickleshare-0.7.5-py2.py3-none-any.whl (6.9 kB)
 55 Collecting backcall
 56 Downloading backcall-0.2.0-py2.py3-none-any.whl (11 kB)
 57 Requirement already satisfied: setuptools>=18.5 in
 58 c:\users\USUARIO_PC\appdata\local\programs\python\python310\lib\site-packages (from ipython>=7.23.1-
 59 >ipykernel) (57.4.0)
 60 Collecting parso<0.9.0,>=0.8.0
    Downloading parso-0.8.3-py2.py3-none-any.whl (100 kB)
 61
        | 100 kB 1.4 MB/s
 62
 63 Collecting entrypoints
    Downloading entrypoints-0.4-py3-none-any.whl (5.3 kB)
 65 Collecting jupyter-core>=4.6.0
 66 Downloading jupyter core-4.9.1-py3-none-any.whl (86 kB)
        | 86 kB 1.4 MB/s
 68 Collecting pyzmq>=13
     Downloading pyzmq-22.3.0-cp310-cp310-win amd64.whl (1.1 MB)
 69
 70
        71 Collecting python-dateutil>=2.1
    Downloading python dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
 73
                        | 247 kB 6.8 MB/s
 74 Collecting pywin32>=1.0
     Downloading pywin32-303-cp310-cp310-win amd64.whl (9.2 MB)
 75
        77 Collecting wcwidth
    Downloading wcwidth-0.2.5-py2.py3-none-any.whl (30 kB)
 79 Collecting six>=1.5
 80 Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
 81 Collecting platformdirs>=2
 82 Downloading platformdirs-2.5.0-py3-none-any.whl (14 kB)
 83 Collecting pathspec>=0.9.0
    Downloading pathspec-0.9.0-py2.py3-none-any.whl (31 kB)
 85 Collecting click>=8.0.0
 86 Downloading click-8.0.3-py3-none-any.whl (97 kB)
          | 97 kB 1.3 MB/s
 87
 88 Collecting tomli>=1.1.0
 89 Downloading tomli-2.0.1-py3-none-any.whl (12 kB)
 90 Collecting mypy-extensions>=0.4.3
 91 Downloading mypy extensions-0.4.3-py2.py3-none-any.whl (4.5 kB)
 92 Collecting executing
 93 Downloading executing-0.8.2-py2.py3-none-any.whl (16 kB)
 94 Collecting pure-eval
 95 Downloading pure eval-0.2.2-py3-none-any.whl (11 kB)
 96 Collecting asttokens
    Downloading asttokens-2.0.5-py2.py3-none-any.whl (20 kB)
 98 Using legacy 'setup.py install' for tornado, since package 'wheel' is not installed.
 99 Installing collected packages: six, colorama, wcwidth, traitlets, tomli, pywin32, pure-eval, platformdirs,
100 pathspec, parso, mypy-extensions, executing, click, asttokens, tornado, stack-data, pyzmq, python-dateutil,
101 pygments, prompt-toolkit, pickleshare, nest-asyncio, matplotlib-inline, jupyter-core, jedi, entrypoints,
102 decorator, black, backcall, jupyter-client,
103 ipython, debugpy, ipykernel
     Running setup.py install for tornado ... done
```

#### ILSE MARÍA ROMERO CORDERO

- 105 WARNING: The script pygmentize.exe is installed in
- 106 'C:\Users\USUARIO PC\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.
- 107 Consider adding this directory to PATH or, **if** you prefer to suppress this warning, use --no-warn-script-108 location.

WARNING: The scripts jupyter-migrate.exe, jupyter-troubleshoot.exe and jupyter.exe are installed in

'C:\Users\USUARIO PC\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.

Consider adding this directory to PATH or, **if** you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The scripts black-primer.exe, black.exe and blackd.exe are installed in

'C:\Users\USUARIO PC\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The scripts jupyter-kernel.exe, jupyter-kernelspec.exe and jupyter-run.exe are installed in

'C:\Users\USUARIO PC\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.

Consider adding this directory to PATH or, **if** you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The scripts ipython.exe and ipython3.exe are installed in

'C:\Users\USUARIO PC\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.

Consider adding this directory to PATH or, **if** you prefer to suppress this warning, use --no-warn-script-location.

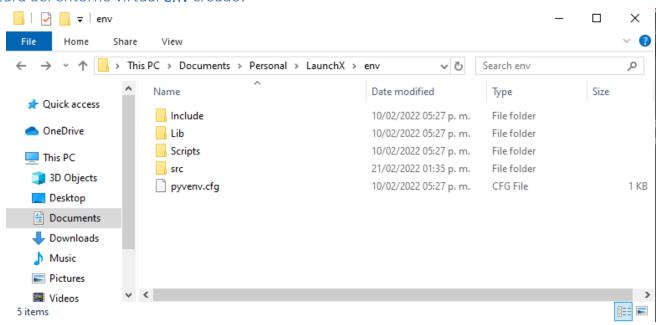
Successfully installed asttokens-2.0.5 backcall-0.2.0 black-22.1.0 click-8.0.3 colorama-0.4.4 debugpy-1.5.1 decorator-5.1.1 entrypoints-0.4 executing-0.8.2 ipykernel-6.9.0 ipython-8.0.1 jedi-0.18.1 jupyter-client-7.1.2 jupyter-core-4.9.1 matplotlib-inline-0.1.3 mypy-extensions-0.4.3 nest-asyncio-1.5.4 parso-0.8.3 pathspec-0.9.0 pickleshare-0.7.5 platformdirs-2.5.0 prompt-toolkit-3.0.27 pure-eval-0.2.2 pygments-2.11.2 python-dateutil-2.8.2 pywin32-303 pyzmq-22.3.0 six-1.16.0 stack-data-0.1.4 tomli-2.0.1 tornado-6.1 traitlets-5.1.1 wcwidth-0.2.5

WARNING: You are using pip version 21.2.3; however, version 22.0.3 is available.

You should consider upgrading via the

'C:\Users\USUARIO\_PC\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip'
command.

### Captura del entorno virtual env creado:



### ILSE MARÍA ROMERO CORDERO

## Creación y uso del paquete creado