

Módulo 2: Crear y Administrar Proyectos

Entregable: Kata 2

Programa: Launch X,
Innovación Virtual

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Kata 2

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CREACIÓN DE UN ENTORNO VIRTUAL

Creación, Activación y Comprobación

The screenshot shows the Visual Studio Code interface with the Explorer, Terminal, and Output panes. The Explorer pane shows the project structure for 'Kata 2', including a virtual environment 'env' with its own 'Lib' and 'Scripts' folders. The Terminal pane shows the commands used to create and activate the environment, and the Output pane shows the results of these commands.

```

C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>cd C:\Users\e7440\Documents\Launch X\Mis
C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python --version
Python 3.10.2

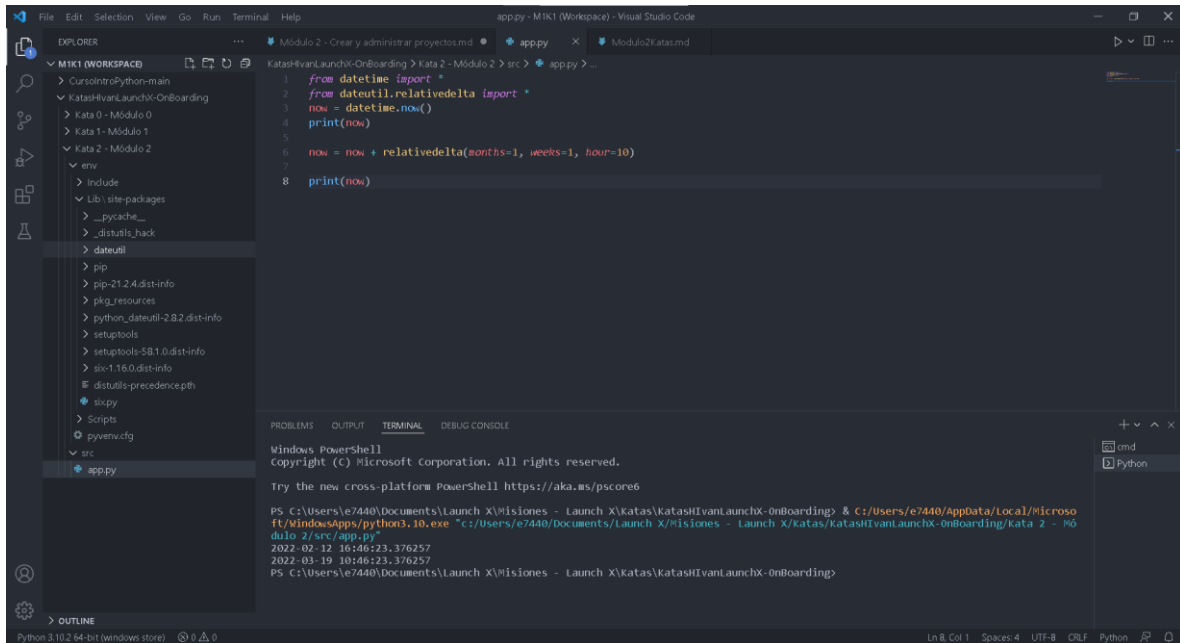
C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m venv env
C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>cd src
C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m pip install pyth
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\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding\k
ll --upgrade pip' command.

(env) C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m deactivate
C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m pip freeze
argon2-cffi==21.2.0
argon2-cffi-bindings==21.2.0
asttokens==2.0.5
attrs==21.4.0
backcall==0.2.0
black==22.1.0
bleach==4.1.0
cffi==1.15.0
click==8.0.3
colorama==0.4.4
cycler==0.11.0
debugpy==1.5.1
decorator==5.1.1
defusedxml==0.7.1
entrypoints==0.4
executing==0.8.2
Markupsafe==2.0.1
matplotlib==3.5.1
matplotlib-inline==0.1.3
mistune==0.8.4
mypy-extensions==0.4.3
nbclient==0.5.10
nbconvert==6.4.2
nbformat==5.1.3
nest-asyncio==1.5.4
notebook==6.4.8
numpy==1.22.2
packaging==21.3
pandocfilters==1.5.0
parso==0.8.3
pathspec==0.9.0
pickleshare==0.7.5
Pillow==9.0.1
platformdirs==2.5.0
prerelease==0.13.1
prompt-toolkit==3.0.27
pure-eval==0.2.2
pycparser==2.21
pygments==2.11.2
ppparsing==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
stack-data==0.1.4
terminado==0.13.1
testpath==0.5.0
tomli==2.0.1
tornado==6.1
traitlets==5.1.1
wcwidth==0.2.5
webencodings==0.5.1
widgetsnbextension==3.5.2

C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m pip activate
(env) C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataSHivanLaunchX-onBoarding>python3 -m deactivate
  
```

Ejecución de programa



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays the project structure for 'MIKI (WORKSPACE)', including folders for 'CursoIntroPython-main', 'KataHivanLaunchX-OnBoarding', and 'Kata 2 - Módulo 2'. The 'app.py' file is selected in the 'src' folder. The main editor shows the code for 'app.py', which uses the 'datetime' and 'dateutil' libraries to calculate and print the current date and time, and then adds one month, one week, and ten hours to it before printing the new date and time. The Terminal panel at the bottom shows the execution of the script in a Windows PowerShell environment. The output displays the current date and time, followed by the date and time after the specified time interval has been added.

```

1 from datetime import *
2 from dateutil.relativedelta import *
3 now = datetime.now()
4 print(now)
5
6 now = now + relativedelta(months=1, weeks=1, hour=10)
7
8 print(now)

```

```

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataHivanLaunchX-OnBoarding> & C:\Users\e7440\AppData\Local\Microsoft\WindowsApps\python3.10.exe "c:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataHivanLaunchX-OnBoarding\Kata 2 - Módulo 2\src\app.py"
2022-02-12 16:46:23.376257
2022-03-19 10:46:23.376257
PS C:\Users\e7440\Documents\Launch X\Misiones - Launch X\Katas\KataHivanLaunchX-OnBoarding>

```



Launch X Innovación Virtual - **HIHH**