

```
File Edit Selection View Go Run Terminal Help • Kata10.ipynb - Visual Studio Code
Kata10.ipynb • Kata10.ipynb • config.py • open.py • Untitled-2 • def main(): Untitled-1 1 •
D:\> Pao > Launch X > test > Clone > CursorIntroPython-main > Módulo 10 > Kata10.ipynb > try: open('config.txt') except FileNotFoundError: print("Couldn't find the config.txt file!")
+ Code + Markdown | Run All | Clear Outputs of All Cells | Restart | Interrupt | Variables | Outline | Python 3.10.2 64-bit

[2] 0.8s Python
open("/path/to/mars.jpg")

...
-----
FileNotFoundError                                Traceback (most recent call last)
d:\Pao\Launch X\test\Clone\CursorIntroPython-main\Módulo 10\Kata10.ipynb Cell 2' in <module>
----> 1 open("/path/to/mars.jpg")

FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'

def main():
    open("/path/to/mars.jpg")

if __name__ == '__main__':
    main()

[10] 0.8s Python
...
-----
FileNotFoundError                                Traceback (most recent call last)
d:\Pao\Launch X\test\Clone\CursorIntroPython-main\Módulo 10\Kata10.ipynb Cell 3' in <module>
      2         open("/path/to/mars.jpg")
      4 if __name__ == '__main__':
----> 5     main()

d:\Pao\Launch X\test\Clone\CursorIntroPython-main\Módulo 10\Kata10.ipynb Cell 3' in main()
      1 def main():
----> 2     open("/path/to/mars.jpg")

FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
```

The screenshot shows a Jupyter Notebook interface within Visual Studio Code. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The top toolbar shows icons for saving, running, and other actions. The notebook has several tabs: Kata10.ipynb, config.py, open.py, and an untitled file named def main():. The first cell, [38], contains the code `python(open.py)` and shows a NameError: name 'python' is not defined. The second cell, [32], contains a try-except block that attempts to open 'config.txt' and prints an error message 'Couldn't find the config.txt file!'.

```

D: > Pao > Launch X > test > Clone > CursoIntroPython-main > Módulo 10 > Kata10.ipynb > try:
open('config.txt') except FileNotFoundError:
    print("Couldn't find the config.txt file!")

+ Code + Markdown + Run All + Clear Outputs of All Cells + Restart + Interrupt + Variables + Outline ... Python 3.10.2 64-bit

python(open.py)

[38] 0.7s Python
...
-----
NameError                                Traceback (most recent call last)
d:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10\Kata10.ipynb Cell 4' in <module>
----> 1 python(open.py)

NameError: name 'python' is not defined

try:
    open('config.txt')
except FileNotFoundError:
    print("Couldn't find the config.txt file!")

[32] 0.8s Python
... Couldn't find the config.txt file!

def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError:
        print("Couldn't find the config.txt file!")
    ...
if __name__ == '__main__':
    main()

```

The screenshot displays the Visual Studio Code interface with a Python file named `Kata10.ipynb` open. The code in the file is as follows:

```
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError:
        print("Couldn't find the config.txt file!")

if __name__ == '__main__':
    main()
```

The output window shows the execution of the code, which resulted in a `FileNotFoundError` because the `config.txt` file was not found. The error message is:

```
python(config.py)
-----
Traceback (most recent call last)
d:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10\Kata10.ipynb Cell 7: in <module>
----> 1 python(config.py)

NameError: name 'python' is not defined
```

The error message indicates that the `python` function is not defined, which is likely due to the code being executed in a Jupyter Notebook environment where the `python` function is not available.

The image shows a Visual Studio Code editor window with the file `open.py` open. The code in the editor is as follows:

```
1 def main():
2     try:
3         configuration = open('config.txt')
4     except FileNotFoundError:
5         print("Couldn't find the config.txt file!")
6
7 if __name__ == '__main__':
8     main()
```

Below the editor, the **TERMINAL** tab is active, showing a PowerShell session. The output is as follows:

```
PowerShell 7.2.1
Copyright (c) Microsoft Corporation.

https://aka.ms/powershell
Type 'help' to get help.

PS C:\Users\vero_> python open.py
C:\Users\vero\AppData\Local\Programs\Python\Python310\python.exe: can't open file 'C:\Users\vero_\open.py': [Errno 2] No such file or director
y
PS C:\Users\vero_> |
```

On the right side of the terminal, there is a list of shell options: `pwsh`, `bash`, `pwsh`, `cmd`, and `pwsh`. The status bar at the bottom indicates the current cursor position is at line 8, column 11, with 4 spaces, using UTF-8 encoding and CRLF line endings. The editor is configured for Python 3.10.2 64-bit.

Kata10.ipynb - Visual Studio Code

File Edit Selection View Go Run Terminal Help

Kata10.ipynb Kata10.ipynb x open.py

Run and Debug

To customize Run and Debug, open a folder and create a launch.json file.

Show all automatic debug configurations.

Python 3.10.2 64-bit

```
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError:
        print("Couldn't find the config.txt file!")
    except IsADirectoryError:
        print("Found config.txt but it is a directory, couldn't read it")
```

[41] ✓ 0.5s

PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

PowerShell 7.2.1
Copyright (c) Microsoft Corporation.
<https://aka.ms/powershell>
Type 'help' to get help.

PS D:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10> & 'C:\Users\vero\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\vero\.vscode\extensions\ms-python.python-2022.0.1814523869\pythonFiles\lib\python\debugpy\launcher' '62951' '--' 'd:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10\open.py'
PS D:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10>

BREAKPOINTS

- Raised Exceptions
- Uncaught Except...
- User Uncaught E...

Kata10.ipynb D:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10

config.py - Visual Studio Code

File Edit Selection View Go Run Terminal Help

Kata10.ipynb Kata10.ipynb x config.py x open.py

config.py

```
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError:
        print("Couldn't find the config.txt file!")

if __name__ == '__main__':
    main()
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

02/13/2022 10:27 PM <DIR> .
02/13/2022 10:27 PM <DIR> ..
02/13/2022 10:27 PM 199 config.py
02/13/2022 10:12 PM 7,350 Kata10.ipynb
02/13/2022 10:23 PM 86 open.py
3 archivos 7,635 bytes
2 dirs 559,269,314,560 bytes libres

d:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10>python config.py
Couldn't find the config.txt file!

d:\Pao\Launch X\test\Clone\CursoIntroPython-main\Módulo 10>python config.py

Ln 10, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit