

Tracebacks:

The image displays three sequential screenshots of the Visual Studio Code interface, illustrating the process of creating and debugging a Python script to launch a Windows application.

Top Screenshot: The interface shows the Explorer view on the left with a project named 'Kata01AlejandroPerez'. The main editor displays a Python script named 'config.py' with the following code:

```
import os
import sys

def main():
    # Launch the application
    os.system('path/to/mars.jpg')

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

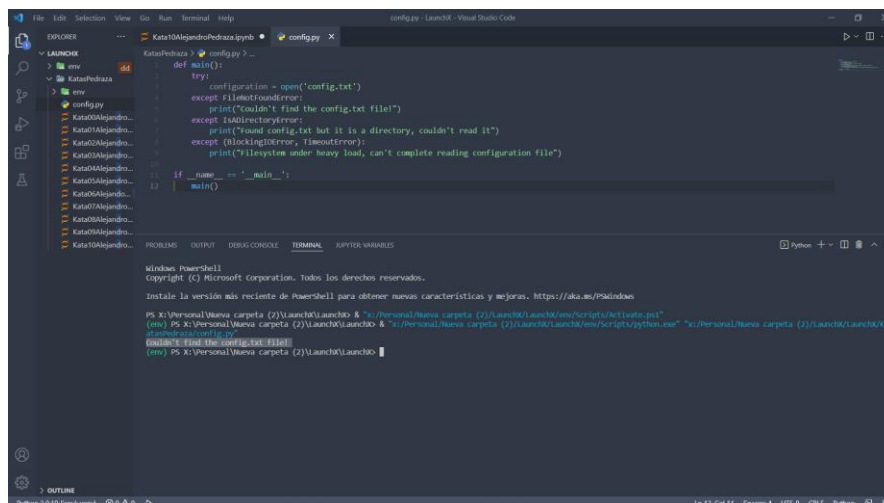
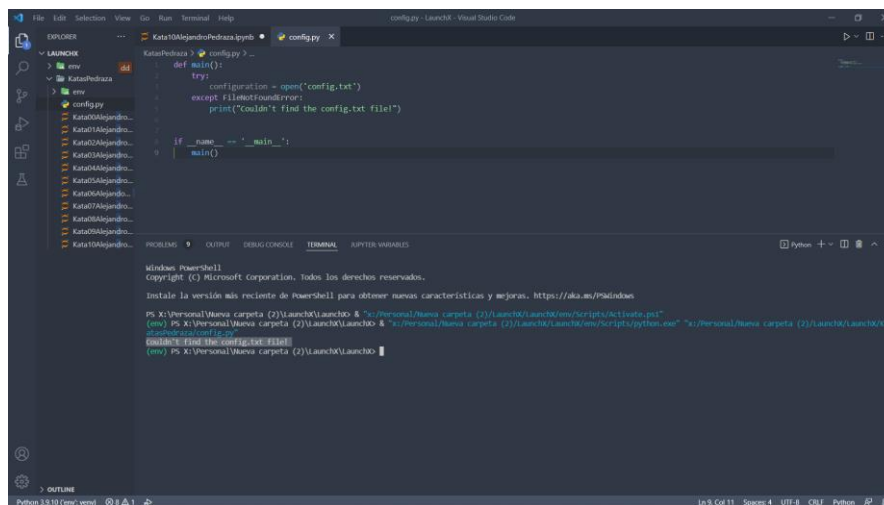
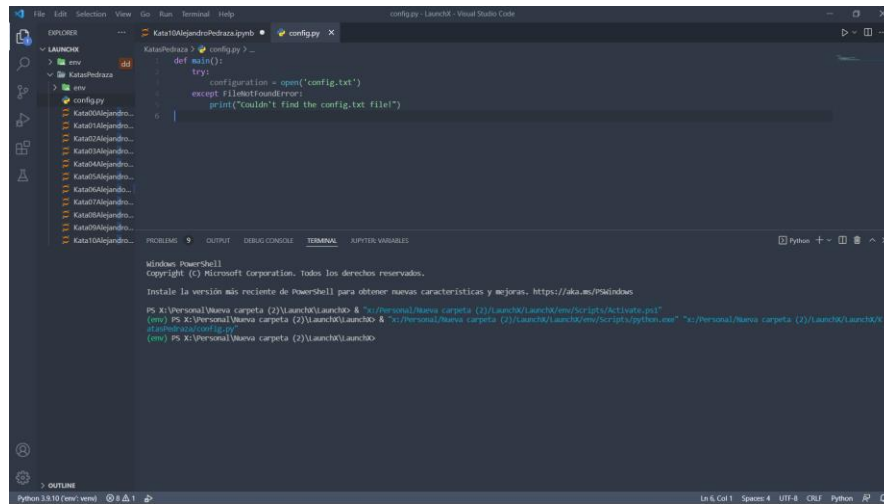
The terminal window at the bottom shows the command 'python config.py' being executed, resulting in a 'FileNotFoundError' for 'path/to/mars.jpg'.

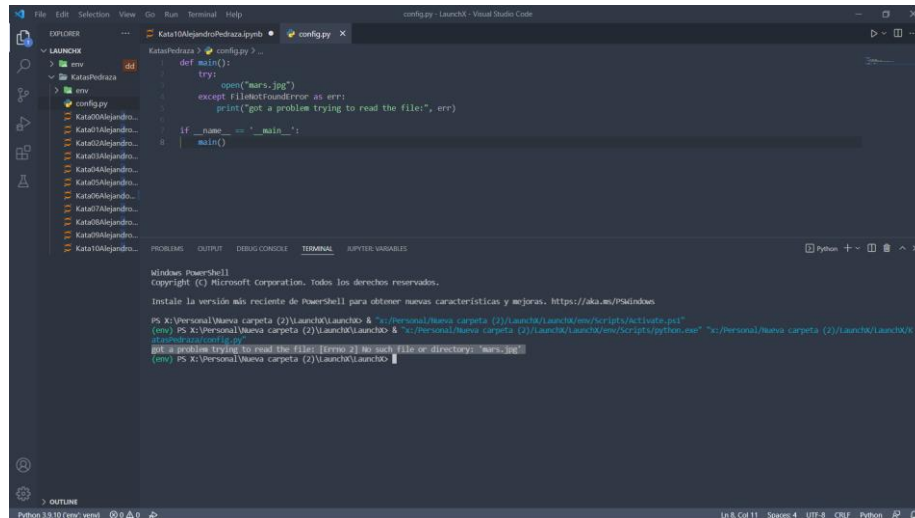
Middle Screenshot: The Explorer view shows the 'config.py' file. The main editor displays the same script. The terminal window shows the command 'python config.py' being executed, resulting in a 'FileNotFoundError' for 'path/to/mars.jpg'.

Bottom Screenshot: The Explorer view shows the 'config.py' file. The main editor displays the same script. The terminal window shows the command 'python config.py' being executed, resulting in a 'FileNotFoundError' for 'path/to/mars.jpg'.

Caso 1: Aquí no me marca ningún error ya que sí existe “config”

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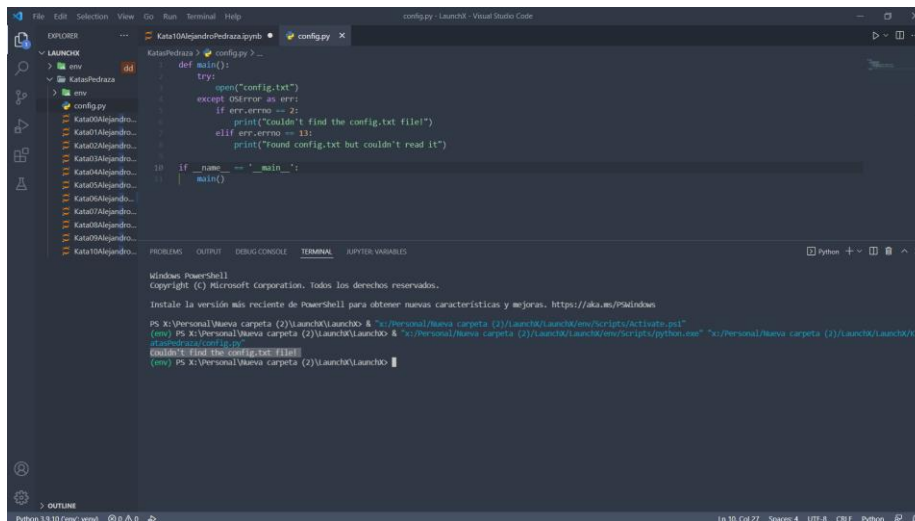
```
def main():
    try:
        open("mars.jpg")
    except FileNotFoundError as err:
        print("got a problem trying to read the file:", err)

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

```
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS X:\Personal\Nueva carpeta (2)\Launch\Launch0 & "x:\Personal\Nueva carpeta (2)\Launch\Launch0\env\scripts\activate.ps1"
(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0 & "x:\Personal\Nueva carpeta (2)\Launch\Launch0\env\scripts\python.exe" "x:\Personal\Nueva carpeta (2)\Launch\Launch0\src\katas\katas\config.py"
got a problem trying to read the file: [Errno 2] No such file or directory: 'mars.jpg'
(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0
```



```
def main():
    try:
        open("config.txt")
    except OSError as err:
        if err.errno == 2:
            print("couldn't find the config.txt file")
        elif err.errno == 13:
            print("found config.txt but couldn't read it")

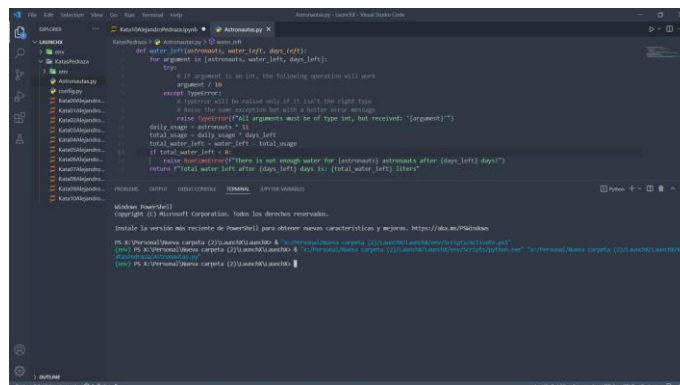
if __name__ == '__main__':
    main()
```

```
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(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0 & "x:\Personal\Nueva carpeta (2)\Launch\Launch0\env\scripts\python.exe" "x:\Personal\Nueva carpeta (2)\Launch\Launch0\src\katas\katas\config.py"
OSError: [Errno 2] No such file or directory: 'config.txt'
(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0
```

Generación de excepciones : Probé de todas las formas mostradas pero en ninguna me mostró ningún error, incluso cambié el nombre del archivo py, creé nuevos y no resultó, me queda un poco confusa esta parte pero buscaré por mi cuenta para tener un panorama más claro en próximas actividades relacionadas.



```
def main():
    try:
        # If argument is an int, the following operation will work
        argument = int(argument)
    except TypeError:
        # TypeError will be raised only if it isn't the right type
        # Hence the use of exception but with a better error message
        raise TypeError("All arguments must be of type int, but received: 'argument'")

    daily_water = argument * 10
    total_water = daily_water * days_left
    total_water_left = water_left - total_water

    if total_water_left < 0:
        total_water_left = 0

    return f"Total water left after {days_left} days is: {total_water_left} liters"
```

```
Windows PowerShell
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PS X:\Personal\Nueva carpeta (2)\Launch\Launch0 & "x:\Personal\Nueva carpeta (2)\Launch\Launch0\env\scripts\activate.ps1"
(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0 & "x:\Personal\Nueva carpeta (2)\Launch\Launch0\env\scripts\python.exe" "x:\Personal\Nueva carpeta (2)\Launch\Launch0\src\katas\katas\katas.py"
TypeError: 'All' arguments must be of type int, but received: 'argument'
(env) PS X:\Personal\Nueva carpeta (2)\Launch\Launch0
```