

Visual Studio Code interface showing the Explorer, Search, and Run and Debug panels. The Explorer shows the project structure with files like Módulo0Katas.ipynb, Módulo1Katas.ipynb, etc. The Search panel shows the results of a search for 'open.py'. The Run and Debug panel shows the execution of 'python open.py' and the resulting error: 'FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg''.

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Visual Studio Code interface showing the terminal output for the file `open.py`. The terminal shows the following commands and errors:

```
C:\Users\Antonio\Desktop\KatasAntonioHernandez>python open.py
Traceback (most recent call last):
  File "C:\Users\Antonio\Desktop\KatasAntonioHernandez\open.py", line 11, in <module>
    main()
  File "C:\Users\Antonio\Desktop\KatasAntonioHernandez\open.py", line 4, in main
    configuracion=open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'

C:\Users\Antonio\Desktop\KatasAntonioHernandez>python open.py
Hubo un problema tratando de leer el archivo [Errno 2] No such file or directory: 'config.txt'
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configuracion=open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'

C:\Users\Antonio\Desktop\KatasAntonioHernandez>python open.py
Hubo un problema tratando de leer el archivo [Errno 2] No such file or directory: 'config.txt'

C:\Users\Antonio\Desktop\KatasAntonioHernandez>python open.py
Couldn't find the config.txt file!

C:\Users\Antonio\Desktop\KatasAntonioHernandez>python open.py
Found config.txt but couldn't read it
```

Visual Studio Code interface showing the terminal output for the file `prueba.ipynb`. The terminal shows the following commands and errors:

```
RuntimeError                                Traceback (most recent call last)
c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in <module>
      6 raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
      7 return f"Total water left after {days_left} days is: {total_water_left} liters"
----> 2 water_left(5, 100, 2)

c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in water_left(astronauts, water_left, days_left)
      4 total_water_left = water_left - total_usage
      5 if total_water_left < 0:
----> 6 raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
      7 return f"Total water left after {days_left} days is: {total_water_left} liters"

RuntimeError: There is not enough water for 5 astronauts after 2 days!
```

Visual Studio Code interface showing the code for the file `prueba.ipynb`. The code defines a function `water_left` and calls it with the arguments `5, 100, 2`.

```
def water_left(astronauts, water_left, days_left):
    daily_usage = astronauts * 11
    total_usage = daily_usage * days_left
    total_water_left = water_left - total_usage
    if total_water_left < 0:
        raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
    return f"Total water left after {days_left} days is: {total_water_left} liters"

try:
    water_left(5, 100, 2)
except RuntimeError as err:
    #alert_navigation_system(err)
    print(err)
```

The output of the code execution is:

```
There is not enough water for 5 astronauts after 2 days!
```

```
...
TypeError                                Traceback (most recent call last)
c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in <module>
      7     return f"Total water left after {days_left} days is: {total_water_left} liters"
      9 try:
----> 10     water_left(5, 100, None)
      11 except RuntimeError as err:
      12     #alert_navigation_system(err)
      13     print(err)

c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in water_left(astronauts, water_left, days_left)
      1 def water_left(astronauts, water_left, days_left):
      2     daily_usage = astronauts * 11
----> 3     total_usage = daily_usage * days_left
      4     total_water_left = water_left - total_usage
      5     if total_water_left < 0:

TypeError: unsupported operand type(s) for *: 'int' and 'NoneType'
```

```
Archivo  Editar  Selección  Ver  Ir  Ejecutar  Terminal  Ayuda  • prueba.ipynb - Visual Studio Code

Iniciar  prueba.ipynb

nioHernandez > prueba.ipynb > def water_left(astronauts, water_left, days_left):  for argument in [astronauts, water_left, days_left]:  try:  # If argument is an int, the ...
+ Código + Markdown | Ejecutar todo | Borrar resultados de todas las celdas | Restart | Interrupt | Variables | Outline | Python 3.10.2 64-bit

      4     # If argument is an int, the following operation will work
----> 5     argument / 10
      6 except TypeError:
      7     # TypeError will be raised only if it isn't the right type
      8     # Raise the same exception but with a better error message

TypeError: unsupported operand type(s) for /: 'NoneType' and 'int'

During handling of the above exception, another exception occurred:

TypeError                                Traceback (most recent call last)
c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in <module>
      15     return f"Total water left after {days_left} days is: {total_water_left} liters"
      17 try:
----> 18     water_left(5, 100, None)
      19 except RuntimeError as err:
      20     #alert_navigation_system(err)
      21     print(err)

c:\Users\Antonio\Desktop\KatasAntonioHernandez\prueba.ipynb Cell 1' in water_left(astronauts, water_left, days_left)
      5     argument / 10
      6 except TypeError:
      7     # TypeError will be raised only if it isn't the right type
      8     # Raise the same exception but with a better error message
----> 9     raise TypeError(f"All arguments must be of type int, but received: '{argument}'")
     10 daily_usage = astronauts * 11
     11 total_usage = daily_usage * days_left

TypeError: All arguments must be of type int, but received: 'None'
```