📘 Módulo10Kata.ipynb ●

C: > Users > jello > Desktop > LaunchX > 📘 Módulo10Kata.ipynb > M↓ Tracebacks > 🐍 open("C:/Users/jello/Desktop/LaunchX/mars.jpg")

╋ Code   ╋ Markdown   ▷ Run All   ≣ Clear Outputs   ↻ Restart   ☐ Interrupt | 🔲 Variables   ➪ Export   ⋯   💻 Python 3.9.5 64-bit

Tracebacks

```python
open("C:/Users/jello/Desktop/LaunchX/mars.jpg")
```

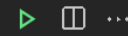[2]   ⊗ 0.9s   Python

FileNotFoundError: [Errno 2] No such file or directory: 'C:/Users/jello/Desktop/LaunchX/mars.jpg'

FileNotFoundError   Traceback (most recent call last)
Input In [2], in <module>
----> 1 open("C:/Users/jello/Desktop/LaunchX/mars.jpg")

FileNotFoundError: [Errno 2] No such file or directory: 'C:/Users/jello/Desktop/LaunchX/mars.jpg'
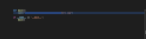
╋ Code   ╋ Markdown

File   Edit   Selection   View   Go   Run   Terminal   Help

Módulo10Kata.ipynb ●   🐍 open.py ✕

C: > Users > jello > Desktop > LaunchX > 🐍 open.py > 🔷 main

```python
1   def main():
2       open("C:/Users/jello/Desktop/LaunchX/mars.jpg")
3
4   if __name__ == '__main__':
5       main()
```

PROBLEMS   OUTPUT   TERMINAL   JUPYTER: VARIABLES   DEBUG CONSOLE

```
PS C:\Users\jello\Desktop\LaunchX> python open.py
Traceback (most recent call last):
  File "C:\Users\jello\Desktop\LaunchX\open.py", line 5, in <module>
    main()
  File "C:\Users\jello\Desktop\LaunchX\open.py", line 2, in main
    open("C:/Users/jello/Desktop/LaunchX/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: 'C:/Users/jello/Desktop/LaunchX/mars.jpg'
PS C:\Users\jello\Desktop\LaunchX>
```

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 2, Col 11 (31 selected)   Spaces: 4   UTF-8   CRLF   Python

File   Edit   Selection   View   Go   Run   Terminal   Help

📓 Módulo10Kata.ipynb ●   🐍 open.py

C: > Users > jello > Desktop > LaunchX > 📓 Módulo10Kata.ipynb > M↓Tracebacks > 🐍 try:

+ Code   + Markdown   ▷ Run All   ☰ Clear Outputs   ⟳ Restart   ☐ Interrupt   🔲 Variables   ⇥ Export   ⋯   🖳 Python 3.9.5 64-bit

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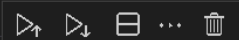
```python
try:
    open('config.txt')
except FileNotFoundError:
    print("Couldn't find the config.txt file!")
```

[3]   ✓ 0.5s   Python

Couldn't find the config.txt file!

Módulo10Kata.ipynb ●   config.py ✕

C: > Users > jello > Desktop > LaunchX > config.py > main

```python
1   def main():
2       try:
3           configuration = open('config.txt')
4       except FileNotFoundError:
5           print("Couldn't find the config.txt file!")
6
7
8   if __name__ == '__main__':
9       main()
10
```

PROBLEMS   OUTPUT   **TERMINAL**   JUPYTER   DEBUG CONSOLE

```
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py
Traceback (most recent call last):
  File "config.py", line 9, in <module>
    main()
  File "config.py", line 3, in main
    configuration = open('config.txt')
IsADirectoryError: [Errno 21] Is a directory: 'config.txt'
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$
```

powershell

wsl

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 5, Col 44   Spaces: 4   UTF-8   CRLF   Python

config.py - Visual Studio Code

Módulo10Kata.ipynb ● | config.py ✕

C: › Users › jello › Desktop › LaunchX › config.py › main

```python
1  def main():
2      try:
3          configuration = open('config.txt')
4      except Exception:
5          print("Couldn't find the config.txt file!")
6
7
8  if __name__ == '__main__':
9      main()
10
```

PROBLEMS   OUTPUT   **TERMINAL**   JUPYTER   DEBUG CONSOLE

```
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py
Couldn't find the config.txt file!
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$
```

> powershell
wsl

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 4, Col 21   Spaces: 4   UTF-8   CRLF   Python

Módulo10Kata.ipynb ●   config.py ✕

C: > Users > jello > Desktop > LaunchX > config.py > ...

```python
1   def main():
2       try:
3           configuration = open('config.txt')
4       except FileNotFoundError:
5           print("Couldn't find the config.txt file!")
6       except IsADirectoryError:
7           print("Found config.txt but it is a directory, couldn't read it")
8
9   if __name__ == '__main__':
10      main()
```

PROBLEMS   OUTPUT   **TERMINAL**   JUPYTER   DEBUG CONSOLE

```
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py
Found config.txt but it is a directory, couldn't read it
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$
```

> powershell
wsl

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 10, Col 11   Spaces: 4   UTF-8   CRLF   Python

Módulo10Kata.ipynb ●   config.py ✕

C: > Users > jello > Desktop > LaunchX > config.py > ...

```python
1   def main():
2       try:
3           configuration = open('config.txt')
4       except FileNotFoundError:
5           print("Couldn't find the config.txt file!")
6       except IsADirectoryError:
7           print("Found config.txt but it is a directory, couldn't read it")
8
9   if __name__ == '__main__':
10      main()
```

PROBLEMS   OUTPUT   **TERMINAL**   JUPYTER   DEBUG CONSOLE

```
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ rm -d config.txt
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py
Couldn't find the config.txt file!
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ █
```
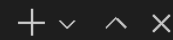
>_ powershell
wsl

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 10, Col 11   Spaces: 4   UTF-8   CRLF   Python

Módulo10Kata.ipynb   •   config.py   ✕

C: > Users > jello > Desktop > LaunchX > config.py > ...

```python
1  def main():
2      try:
3          open("mars.jpg")
4      except FileNotFoundError as err:
5          print("got a problem trying to read the file:", err)
6
7  if __name__ == '__main__':
8      main()
```

PROBLEMS   OUTPUT   TERMINAL   JUPYTER   DEBUG CONSOLE

```
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py
got a problem trying to read the file: [Errno 2] No such file or directory: 'mars.jpg'
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$
```

powershell

wsl

Módulo10Kata.ipynb   ●   config.py   ✕

C: > Users > jello > Desktop > LaunchX > config.py > ...

```python
1   def main():
2       try:
3           open("config.txt")
4       except OSError as err:
5           if err.errno == 2:
6               print("Couldn't find the config.txt file!")
7           elif err.errno == 13:
8               print("Found config.txt but couldn't read it")
9
10  if __name__ == '__main__':
11      main()
```

PROBLEMS   OUTPUT   **TERMINAL**   JUPYTER   DEBUG CONSOLE   + ∨   ∧   ✕

elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ python3 config.py   ▢ powershell
Couldn't find the config.txt file!   ⟳ wsl
elcaosreptante@DESKTOP-ODA7485:/mnt/c/Users/jello/desktop/launchx$ ▮

Python 3.9.5 64-bit   ⊗ 0 ⚠ 0   Ln 9, Col 1   Spaces: 4   UTF-8   CRLF   Python

chX › Módulo10Kata.ipynb › def water_left(astronauts, water_left, days_left):⤶   daily_usage = astronauts * 11⤶   total_usage = daily_usage * days_left⤶   total_water_...

+ Code   + Markdown | ⯈ Run All   ☰ Clear Outputs of All Cells   ↺ Restart   ☐ Interrupt | ⟨x⟩ Variables   ☰ Outline   ⋯   🗗 Python 3.9.5 64-bit
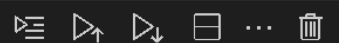
```python
def water_left(astronauts, water_left, days_left):
    daily_usage = astronauts * 11
    total_usage = daily_usage * days_left
    total_water_left = water_left - total_usage
    return f"Total water left after {days_left} days is: {total_water_left} liters"

water_left(5, 100, 2)
```

[2] ✓ 0.8s   Python

```
...   'Total water left after 2 days is: -10 liters'
```

● Módulo10Kata.ipynb ●

C: > Users > jello > Desktop > LaunchX > ▣ Módulo10Kata.ipynb > ❖ def water_left(astronauts, water_left, days_left):⏎   daily_usage = astronauts * 11⏎   total_usage = daily_usage * days_left⏎   total_water

+ Code + Markdown | ▷ Run All ☰ Clear Outputs of All Cells ⟳ Restart ☐ Interrupt | ⌨ Variables ☰ Outline ⋯   ⌸ Python 3.9.5 64-bit

```python
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"


water_left(5, 100, 2)
```

[3]   Python

```
------------------------------------------------------------------------
RuntimeError                              Traceback (most recent call last)
c:\Users\jello\Desktop\LaunchX\Módulo10Kata.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"
----> 9 water_left(5, 100, 2)

c:\Users\jello\Desktop\LaunchX\Módulo10Kata.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!
```

📘 Módulo10Kata.ipynb ●

╋ Code   ╋ Markdown │ ▷ Run All   ☰ Clear Outputs of All Cells   ↻ Restart   ☐ Interrupt │ ▣ Variables   ☰ Outline   ⋯   🖴 Python 3.9.5 64-bit

```python
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"

water_left("5", "100", None)
```

[4]   ⊗   0.1s   Python

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
c:\Users\jello\Desktop\LaunchX\Módulo10Kata.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"
----> 9 water_left("5", "100", None)

c:\Users\jello\Desktop\LaunchX\Módulo10Kata.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: can't multiply sequence by non-int of type 'NoneType'
```

File   Edit   Selection   View   Go   Run   Terminal   Help

Módulo10Kata.ipynb ●

jello > Desktop > LaunchX > Módulo10Kata.ipynb > def water_left(astronauts, water_left, days_left): for argument in [astronauts, water_left, days_left]: try: # If argument is an int, the following operation will work   argument / 10   except TypeError: # Ty...

+ Code   + Markdown   ▷ Run All   ☰ Clear Outputs of All Cells   ↻ Restart   ☐ Interrupt   ▦ Variables   ☰ Outline   ⋯   🗗 Python 3.9.5 64-bit

```python
def water_left(astronauts, water_left, days_left):
    for argument in [astronauts, water_left, days_left]:
        try:
            # If argument is an int, the following operation will work
            argument / 10
        except TypeError:
            # TypeError will be raised only if it isn't the right type
            # Raise the same exception but with a better error message
            raise TypeError(f"All arguments must be of type int, but received: '{argument}'")
    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"

water_left("5", "100", None)
```

[5]   ⊗   0.1s   Python

⋯

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
c:\Users\jello\Desktop\LaunchX\Módulo10Kata.ipynb Cell 1' in water_left(astronauts, water_left, days_left)
      3 try:
      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 /: 'str' and 'int'

During handling of the above exception, another exception occurred:

TypeError                                 Traceback (most recent call last)
c:\Users\jello\Desktop\LaunchX\Módulo10Kata.ipynb Cell 1' in <module>
     14     raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
     15     return f"Total water left after {days_left} days is: {total_water_left} liters"
---> 17 water_left("5", "100", None)

c:\Users\jello\Desktop\LaunchX\Módulo10Kata.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: '5'
```

⊗ 0 △ 0   Jupyter Server: local   Cell 1 of 1