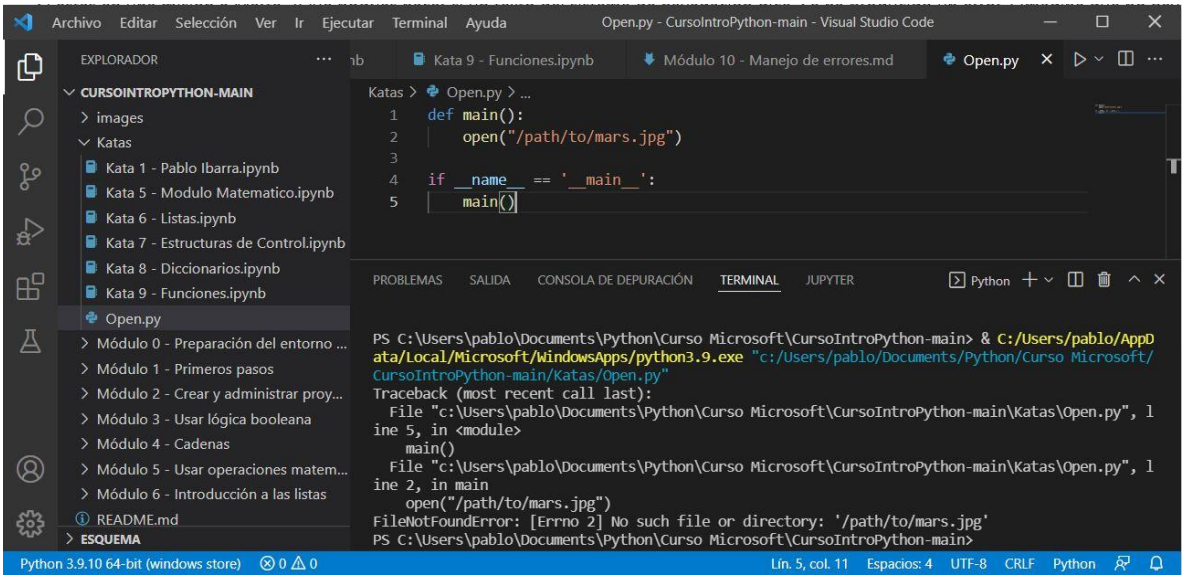
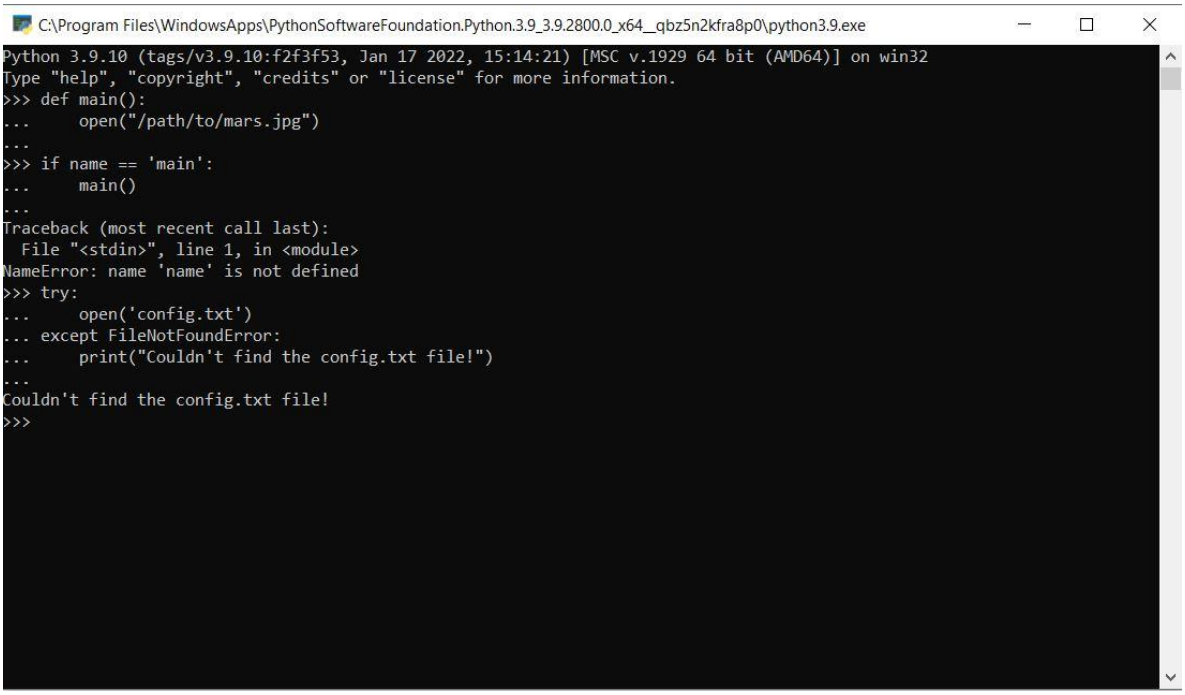
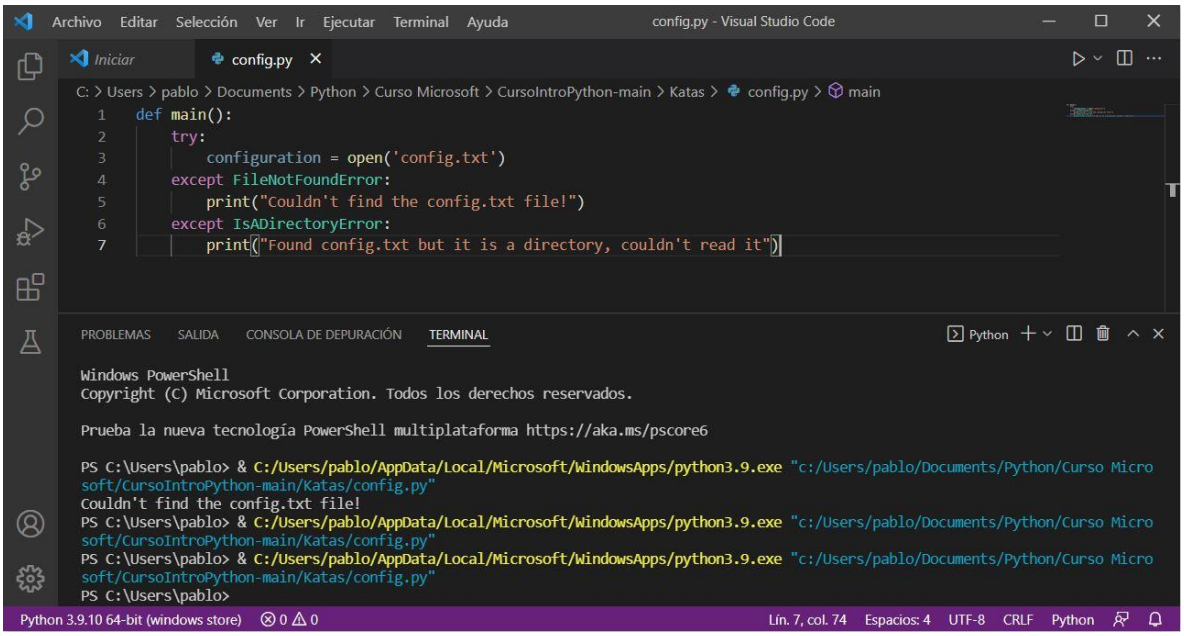
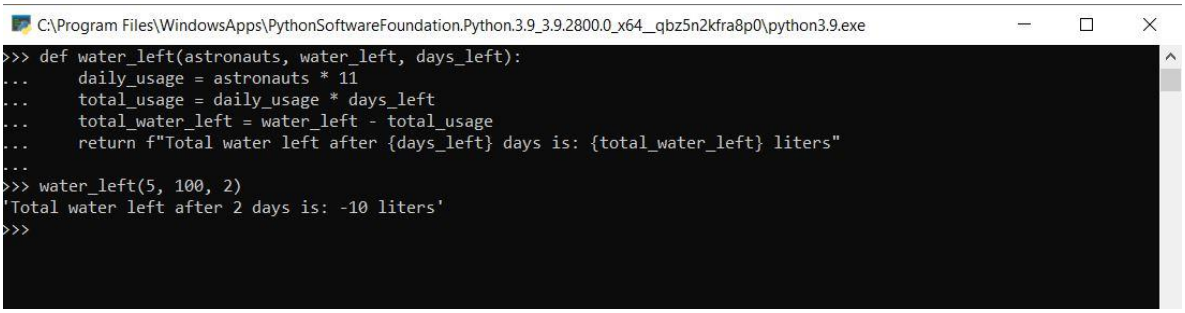
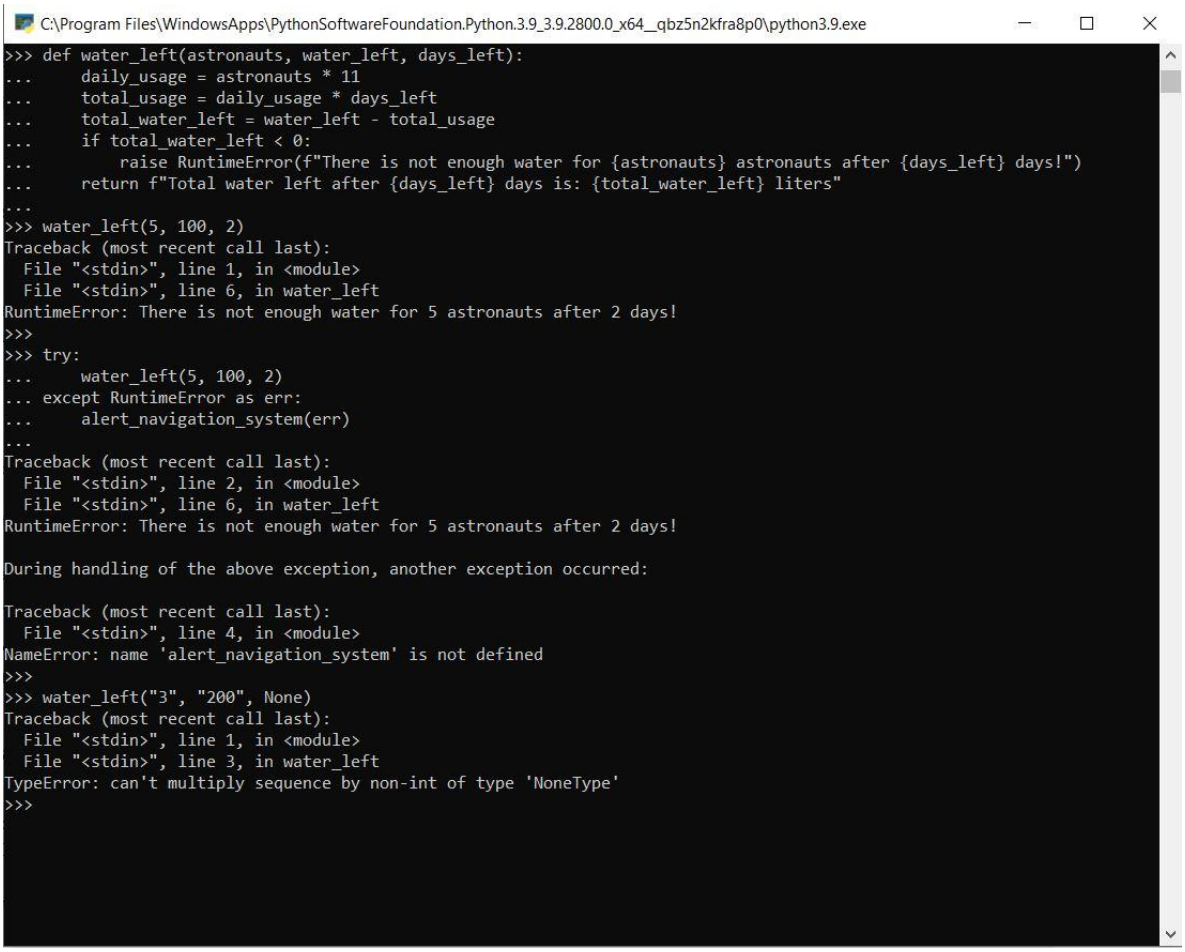
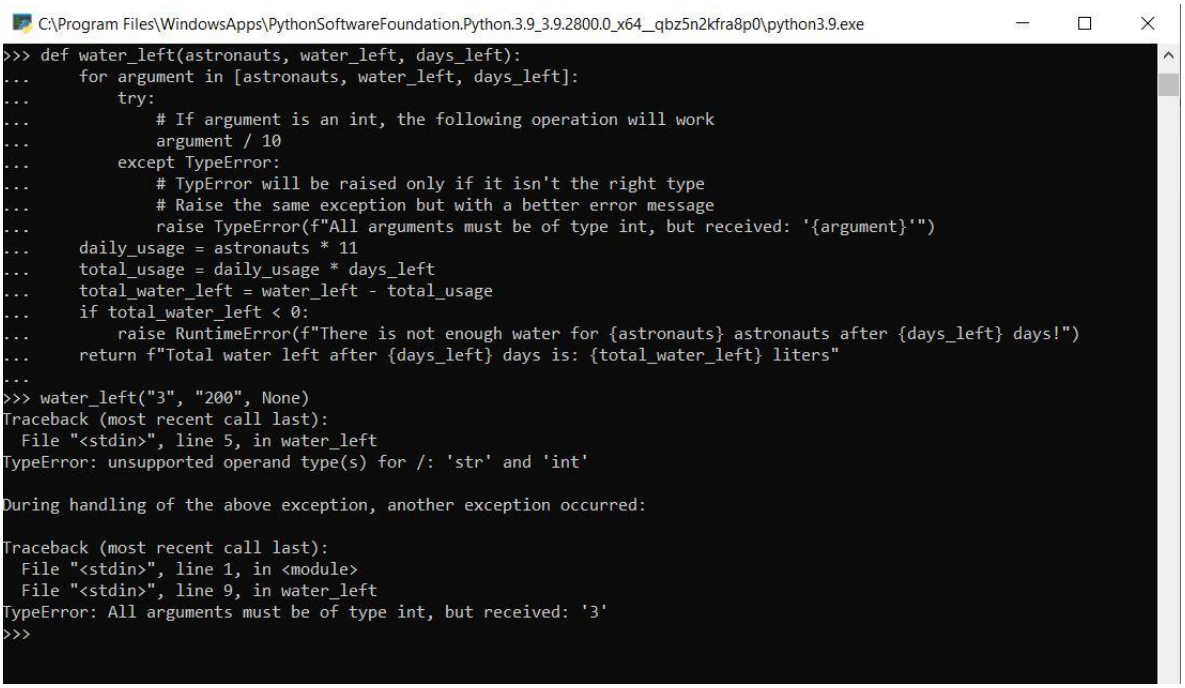

Archivo Editar Selección Ver Ir Ejecutar Terminal Ayuda
Open.py - CursoIntroPython-main - Visual Studio Code
EXPLORADOR
CURSOINTROPYTHON-MAIN
images
Katas
Kata 1 - Pablo Ibarra.ipynb
Kata 5 - Modulo Matematico.ipynb
Kata 6 - Listas.ipynb
Kata 7 - Estructuras de Control.ipynb
Kata 8 - Diccionarios.ipynb
Kata 9 - Funciones.ipynb
Open.py
Módulo 0 - Preparación del entorno ...
Módulo 1 - Primeros pasos
Módulo 2 - Crear y administrar proy...
Módulo 3 - Usar lógica booleana
Módulo 4 - Cadenas
Módulo 5 - Usar operaciones matem...
Módulo 6 - Introducción a las listas
README.md
ESQUEMA
Kata 9 - Funciones.ipynb
Módulo 10 - Manejo de errores.md
Open.py
Katas > Open.py > ...
1 def main():
2 open("/path/to/mars.jpg")
3
4 if __name__ == '__main__':
5 main()
PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL JUPYTER
Python
PS C:\Users\pablo\Documents\Python\Curso Microsoft\CursoIntroPython-main> & C:/Users/pablo/AppData/Local/Microsoft/WindowsApps/python3.9.exe "c:/Users/pablo/Documents/Python/Curso Microsoft/CursoIntroPython-main/Katas/Open.py"
Traceback (most recent call last):
File "c:\Users\pablo\Documents\Python\Curso Microsoft\CursoIntroPython-main\Katas\Open.py", line 5, in <module>
main()
File "c:\Users\pablo\Documents\Python\Curso Microsoft\CursoIntroPython-main\Katas\Open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
PS C:\Users\pablo\Documents\Python\Curso Microsoft\CursoIntroPython-main>
Python 3.9.10 64-bit (windows store)
0 0
Lín. 5, col. 11 Espacios: 4 UTF-8 CRLF Python


C:\Program Files\WindowsApps\PythonSoftwareFoundation.Python.3.9_3.9.2800.0_x64__qbz5n2kfra8p0\python3.9.exe
Python 3.9.10 (tags/v3.9.10:f2f3f53, Jan 17 2022, 15:14:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> def main():
... open("/path/to/mars.jpg")
...
>>> if name == 'main':
... main()
...
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
NameError: name 'name' is not defined
>>> try:
... open('config.txt')
... except FileNotFoundError:
... print("Couldn't find the config.txt file!")
...
Couldn't find the config.txt file!
>>>


Archivo Editar Selección Ver Ir Ejecutar Terminal Ayuda
config.py - Visual Studio Code
Iniciar
config.py
C: > Users > pablo > Documents > Python > Curso Microsoft > CursoIntroPython-main > Katas > config.py > main
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")
PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL
Python
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.
Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6
PS C:\Users\pablo> & C:/Users/pablo/AppData/Local/Microsoft/WindowsApps/python3.9.exe "c:/Users/pablo/Documents/Python/Curso Microsoft/CursoIntroPython-main/Katas/config.py"
Couldn't find the config.txt file!
PS C:\Users\pablo> & C:/Users/pablo/AppData/Local/Microsoft/WindowsApps/python3.9.exe "c:/Users/pablo/Documents/Python/Curso Microsoft/CursoIntroPython-main/Katas/config.py"
PS C:\Users\pablo> & C:/Users/pablo/AppData/Local/Microsoft/WindowsApps/python3.9.exe "c:/Users/pablo/Documents/Python/Curso Microsoft/CursoIntroPython-main/Katas/config.py"
PS C:\Users\pablo>
Python 3.9.10 64-bit (windows store) 0 0
Lín. 7, col. 74 Espacios: 4 UTF-8 CRLF Python


C:\Program Files\WindowsApps\PythonSoftwareFoundation.Python.3.9_3.9.2800.0_x64__qbz5n2kfra8p0\python3.9.exe
>>> 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)
'Total water left after 2 days is: -10 liters'
>>>


C:\Program Files\WindowsApps\PythonSoftwareFoundation.Python.3.9_3.9.2800.0_x64__qbz5n2kfra8p0\python3.9.exe
>>> 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)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "<stdin>", line 6, in water_left
RuntimeError: There is not enough water for 5 astronauts after 2 days!
>>>
>>> try:
...   water_left(5, 100, 2)
... except RuntimeError as err:
...   alert_navigation_system(err)
...
Traceback (most recent call last):
  File "<stdin>", line 2, in <module>
  File "<stdin>", line 6, in water_left
RuntimeError: There is not enough water for 5 astronauts after 2 days!
During handling of the above exception, another exception occurred:
Traceback (most recent call last):
  File "<stdin>", line 4, in <module>
NameError: name 'alert_navigation_system' is not defined
>>>
>>> water_left("3", "200", None)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "<stdin>", line 3, in water_left
TypeError: can't multiply sequence by non-int of type 'NoneType'
>>>


C:\Program Files\WindowsApps\PythonSoftwareFoundation.Python.3.9_3.9.2800.0_x64__qbz5n2kfra8p0\python3.9.exe
>>> 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:
...   # TypError 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("3", "200", None)
Traceback (most recent call last):
  File "<stdin>", line 5, in water_left
TypeError: unsupported operand type(s) for /: 'str' and 'int'
During handling of the above exception, another exception occurred:
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "<stdin>", line 9, in water_left
TypeError: All arguments must be of type int, but received: '3'
>>>