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

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

Terminal:
```
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/open.py
Traceback (most recent call last):
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\open.py", line 5, in <module>
    main()
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\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\alex_\Downloads\CursoIntroPython-main>
```

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

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

Terminal:
```
Couldn't find the config.txt file
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/open.py
Couldn't find the config.txt file
Traceback (most recent call last):
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\open.py", line 7, in <module>
    main()
NameError: name 'main' is not defined. Did you mean: 'min'?
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/open.py
Couldn't find the config.txt file!
PS C:\Users\alex_\Downloads\CursoIntroPython-main>
```

config.py

Explorer (UNTITLED (WORKSPACE)):
- CursoIntroPython-main
  - images
  - Módulo 0 - Preparación del entorno de...
  - Módulo 1 - Primeros pasos
  - Módulo 2 - Crear y administrar proyect...
  - Módulo 3 - Usar lógica booleana
  - Módulo 4 - Cadenas
  - Módulo 5 - Usar operaciones matemáti...
  - Módulo 6 - Introducción a las listas
  - Módulo 7 - Estructuras de control
  - Módulo 8 - Administrar datos con dicci...
  - Módulo 9 - Funciones
  - Módulo 10 - Manejo de errores
    - Módulo 10 - Manejo de errores.md
    - modulo10
      - config.txt
      - config.py
      - open.py
  - README.md

```python
def main():
    configuration = open('config.txt')

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

Terminal:
```
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\config.py", line 5, in <module>
    main()
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\config.py", line 2, in main
    configuration = open('config.txt')
FileNotFoundError: [Errno 2] No such file or directory: 'config.txt'
PS C:\Users\alex_\Downloads\CursoIntroPython-main>
```

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

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

Terminal:
```
FileNotFoundError: [Errno 2] No such file or directory: 'config.txt'
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/config.py
got a problem trying to read the file: [Errno 2] No such file or directory: 'mars.jpg'
PS C:\Users\alex_\Downloads\CursoIntroPython-main>
```

config.py
```python
def main():
    try:
        configuration = 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()
```

Terminal:
```
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/config.py
Couldn't find the config.txt file!
PS C:\Users\alex_\Downloads\CursoIntroPython-main>
```

```python
1    def water_left(astronauts, water_left, days_left):
2        for argument in [astronauts, water_left, days_left]:
3            try:
4                argument / 10
5            except TypeError:
6                raise TypeError(f"All arguments must be of type int, but received: '{argument}'")
7        daily_usage = astronauts * 11
8        total_usage = daily_usage * days_left
9        total_water_left = water_left - total_usage
10       if total_water_left < 0:
11           raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
12       return f"Total water left after {days_left} days is: {total_water_left} liters"
13
14   print(water_left("3", "200", None))
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/water.py
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/water.py
Total water left after 2 days is: -10 liters
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/water.py
Traceback (most recent call last):
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\water.py", line 9, in <module>
    print(water_left(5, 100, 2))
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\water.py", line 6, in water_left
    raise RuntimeError(f"There is not enough water for {astronauts} astronauts after {days_left} days!")
RuntimeError: There is not enough water for 5 astronauts after 2 days!
PS C:\Users\alex_\Downloads\CursoIntroPython-main> & C:/Users/alex_/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/alex_/Downloads/CursoIntroPython-main/modulo10/water.py
Traceback (most recent call last):
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\water.py", line 4, in water_left
    argument / 10
TypeError: unsupported operand type(s) for /: 'str' and 'int'

During handling of the above exception, another exception occurred:

Traceback (most recent call last):
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\water.py", line 14, in <module>
    print(water_left("3", "200", None))
  File "c:\Users\alex_\Downloads\CursoIntroPython-main\modulo10\water.py", line 6, in water_left
    raise TypeError(f"All arguments must be of type int, but received: '{argument}'")
TypeError: All arguments must be of type int, but received: '3'
PS C:\Users\alex_\Downloads\CursoIntroPython-main>
```