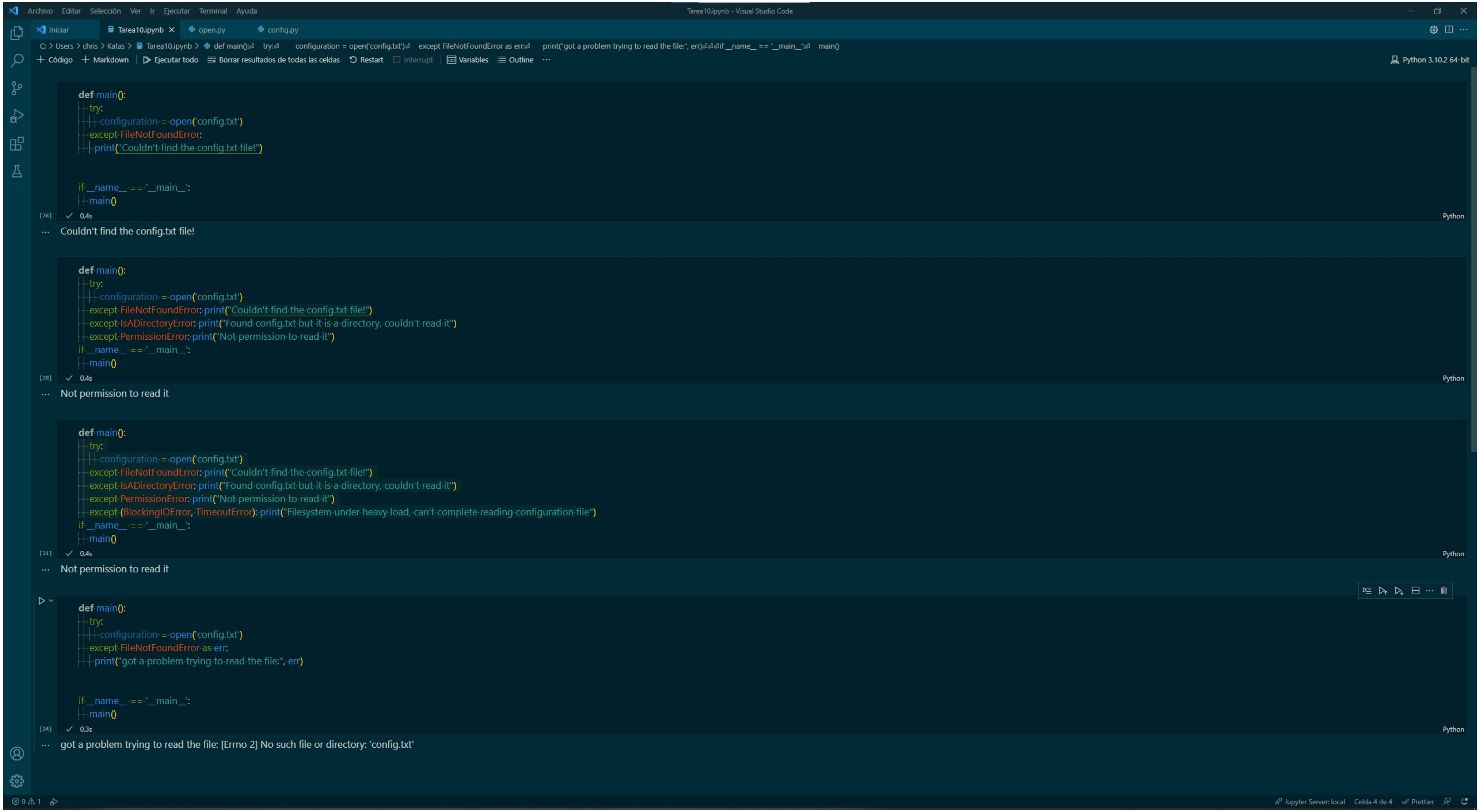
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Tarea10.ipynb - Visual Studio Code
Iniciar
Tarea10.ipynb
open.py
config.py
C: > Users > chris > Katas > Tarea10.ipynb > def main():⏎ try:⏎ configuration = open('config.txt')⏎ except FileNotFoundError as err:⏎ print("got a problem trying to read the file:", err)⏎⏎⏎if __name__ == '__main__':⏎ main()
+ Código + Markdown | Ejecutar todo Borrar resultados de todas las celdas Restart Interrupt | Variables Outline ···
Python 3.10.2 64-bit

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


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

[26] ✓ 0.4s Python

```
Couldn't find the config.txt file!
```

```python
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError: print("Couldn't find the config.txt file!")
    except IsADirectoryError: print("Found config.txt but it is a directory, couldn't read it")
    except PermissionError: print("Not permission to read it")
if __name__ == '__main__':
    main()
```

[20] ✓ 0.4s Python

```
Not permission to read it
```

```python
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError: print("Couldn't find the config.txt file!")
    except IsADirectoryError: print("Found config.txt but it is a directory, couldn't read it")
    except PermissionError: print("Not permission to read it")
    except (BlockingIOError, TimeoutError): print("Filesystem under heavy load, can't complete reading configuration file")
if __name__ == '__main__':
    main()
```

[21] ✓ 0.4s Python

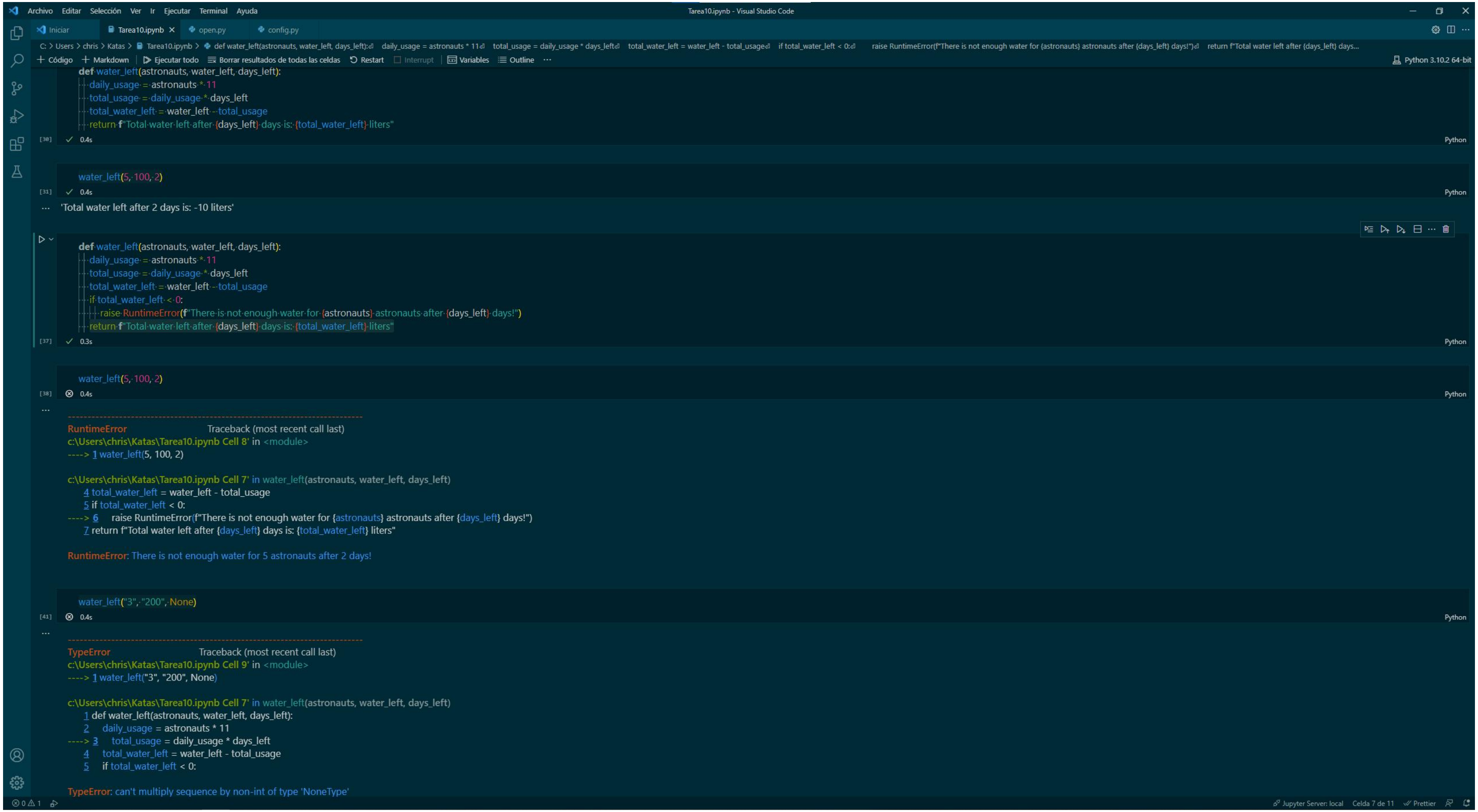
```
Not permission to read it
```

```python
def main():
    try:
        configuration = open('config.txt')
    except FileNotFoundError as err:
        print("got a problem trying to read the file:", err)


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

[24] ✓ 0.3s Python

```
got a problem trying to read the file: [Errno 2] No such file or directory: 'config.txt'
```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Ir
Ejecutar
Terminal
Ayuda
Tarea10.ipynb - Visual Studio Code
Iniciar
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open.py
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C: > Users > chris > Katas > Tarea10.ipynb > 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...
+ Código
+ Markdown
Ejecutar todo
Borrar resultados de todas las celdas
Restart
Interrupt
Variables
Outline
Python 3.10.2 64-bit
Python
Jupyter Server: local
Celda 7 de 11
Prettier
0
1

```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"
```

[30] ✓ 0.4s

```python
water_left(5, 100, 2)
```

[31] ✓ 0.4s

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

```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"
```

[37] ✓ 0.3s

```python
water_left(5, 100, 2)
```

[38] ⊗ 0.4s

```
---------------------------------------------------------------------------
RuntimeError                              Traceback (most recent call last)
c:\Users\chris\Katas\Tarea10.ipynb Cell 8' in <module>
----> 1 water_left(5, 100, 2)

c:\Users\chris\Katas\Tarea10.ipynb Cell 7' 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!
```

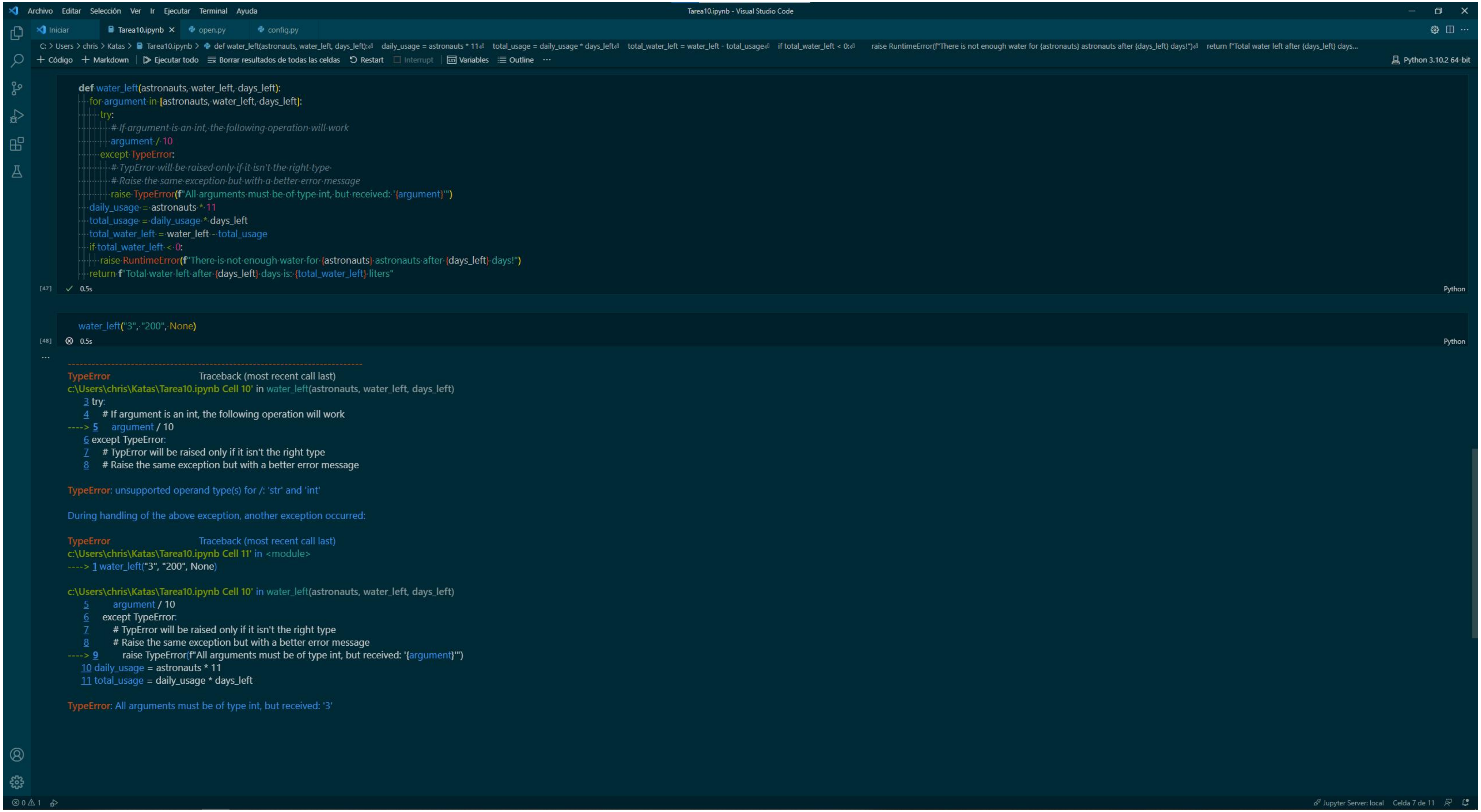
```python
water_left("3", "200", None)
```

[41] ⊗ 0.4s

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
c:\Users\chris\Katas\Tarea10.ipynb Cell 9' in <module>
----> 1 water_left("3", "200", None)

c:\Users\chris\Katas\Tarea10.ipynb Cell 7' 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'
```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+ Código
+ Markdown
Ejecutar todo
Borrar resultados de todas las celdas
Restart
Interrupt
Variables
Outline
Python 3.10.2 64-bit
[47]
✓ 0.5s
Python
[48]
⊗ 0.5s
Python
⊗ 0 ⚠ 1
Jupyter Server: local
Celda 7 de 11

```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"
```

```python
water_left("3", "200", None)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
c:\Users\chris\Katas\Tarea10.ipynb Cell 10' 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     # TypError 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\chris\Katas\Tarea10.ipynb Cell 11' in <module>
----> 1 water_left("3", "200", None)

c:\Users\chris\Katas\Tarea10.ipynb Cell 10' in water_left(astronauts, water_left, days_left)
      5         argument / 10
      6     except TypeError:
      7         # TypError 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: '3'
```