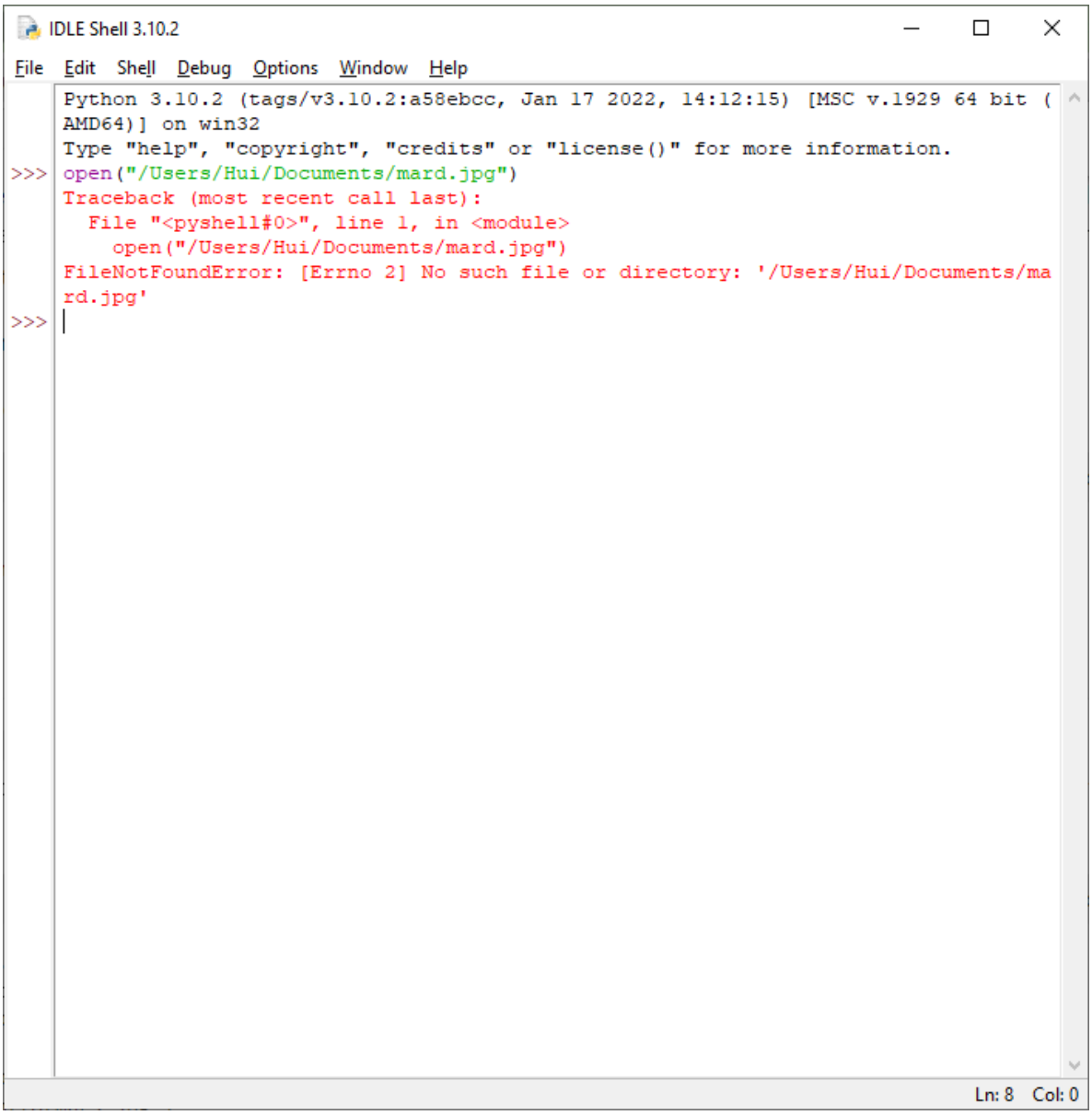
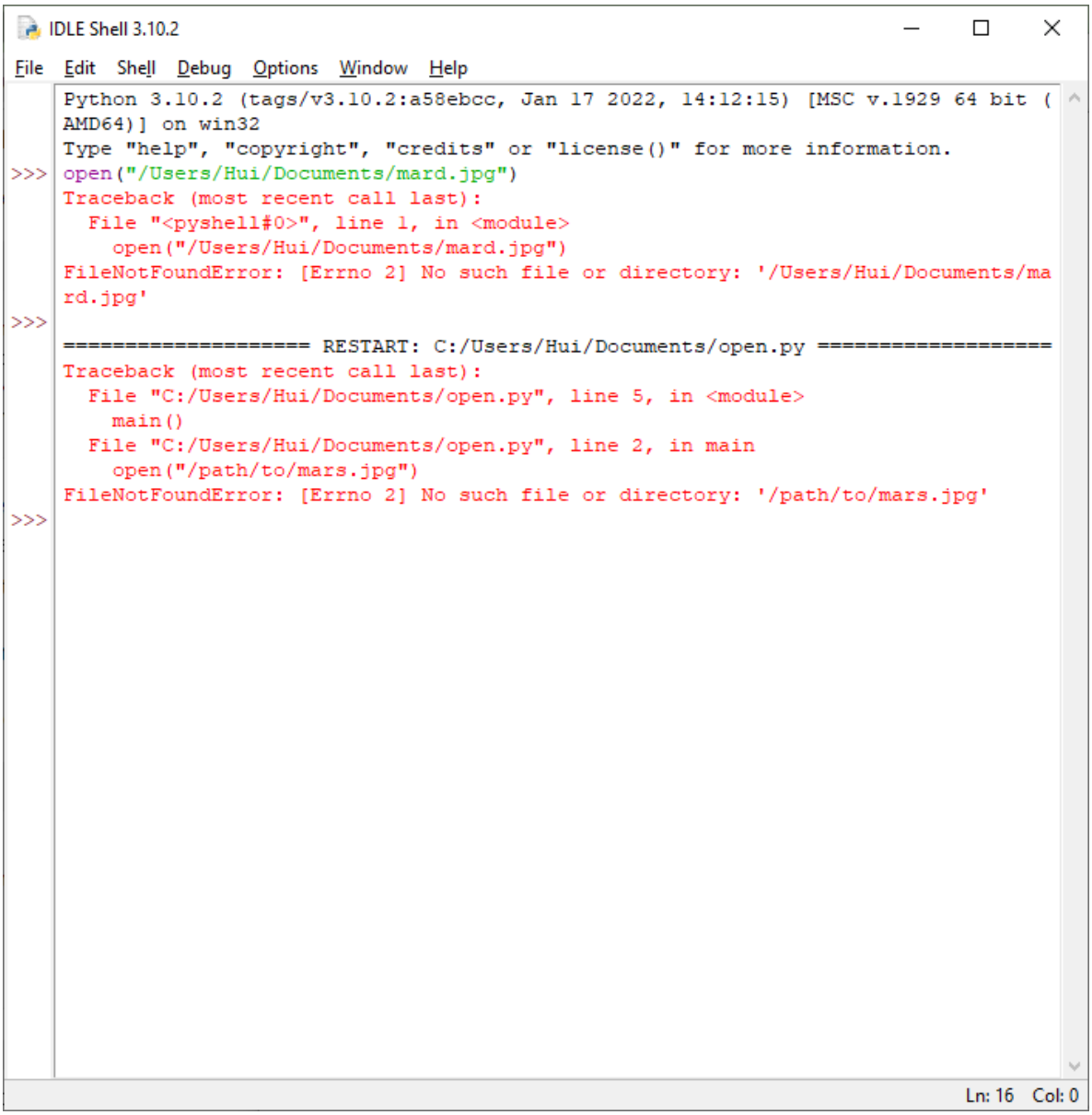
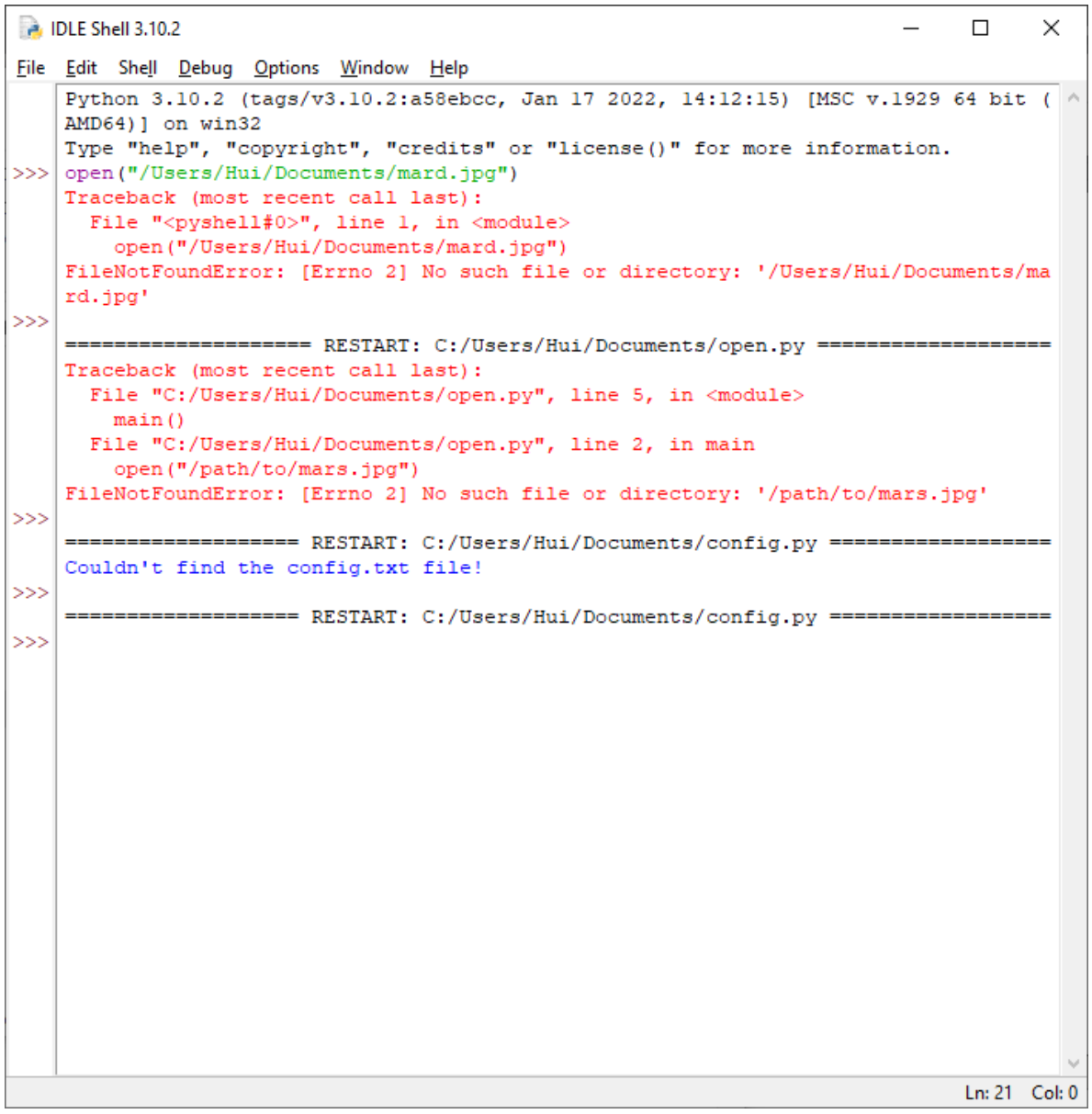
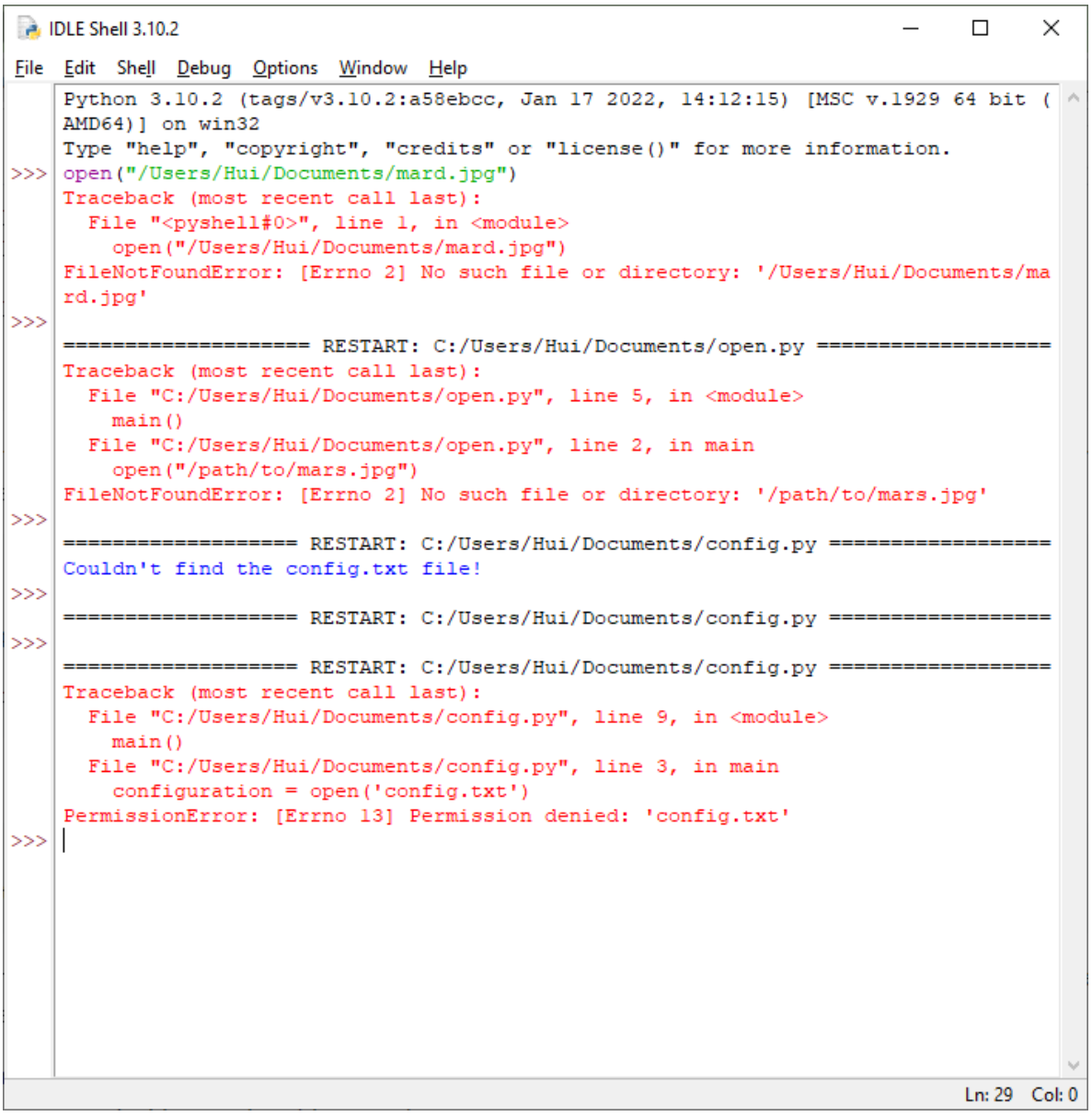
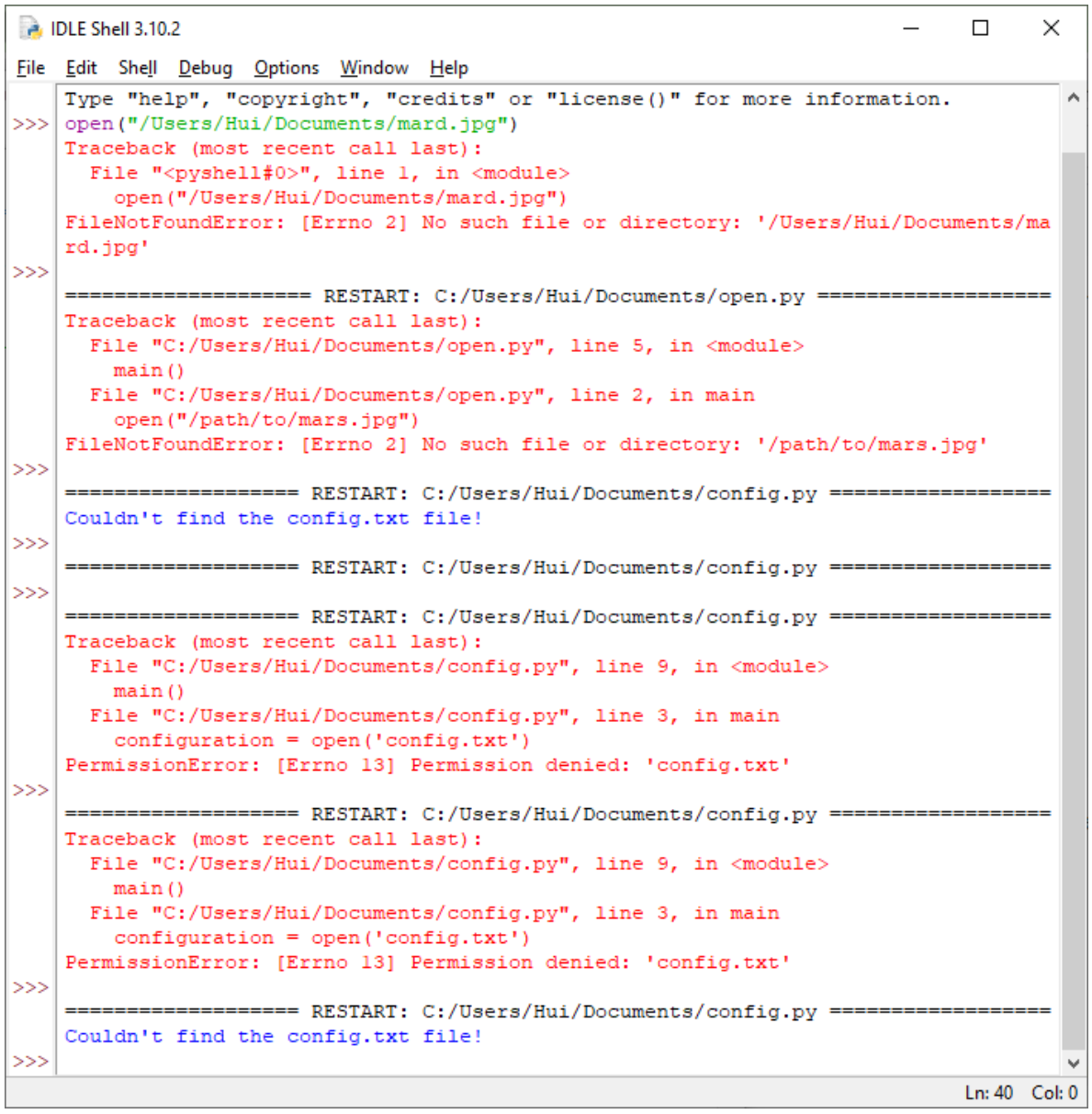
Kata del módulo 10

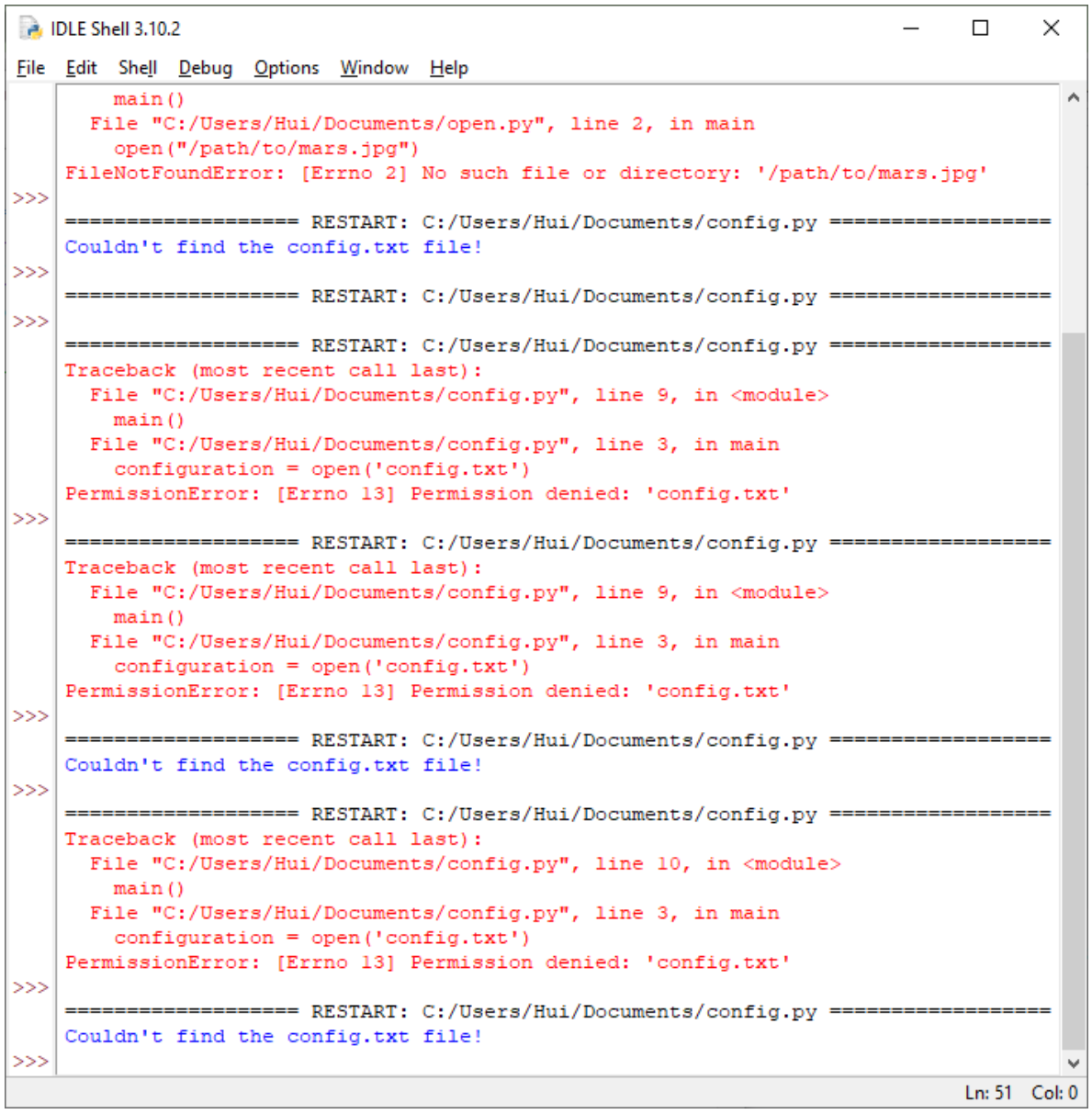


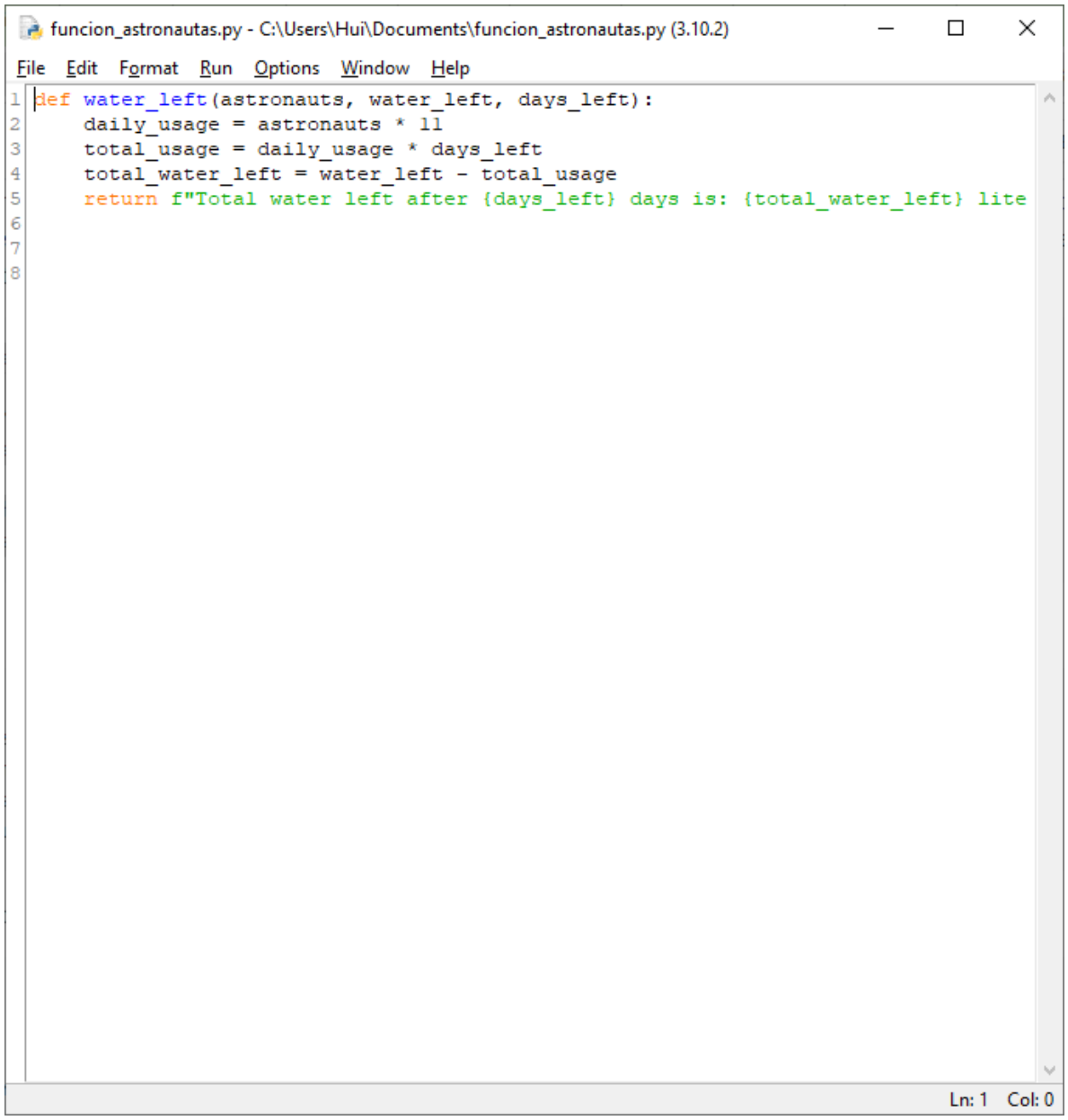

IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> open("/Users/Hui/Documents/mard.jpg")
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
open("/Users/Hui/Documents/mard.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/Users/Hui/Documents/mard.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/open.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/open.py", line 5, in <module>
main()
File "C:/Users/Hui/Documents/open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
>>>
Ln: 16 Col: 0

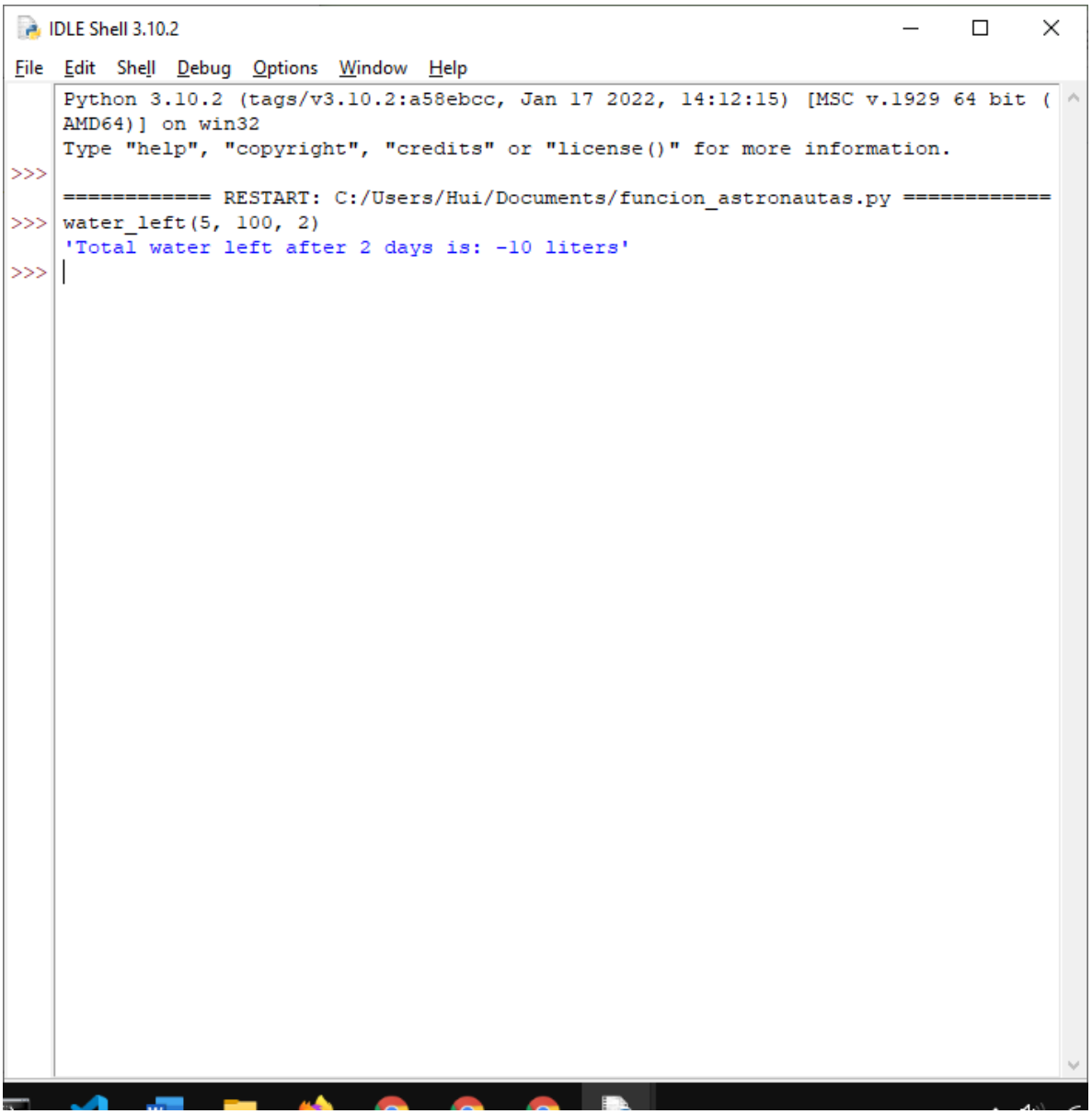

IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> open("/Users/Hui/Documents/mard.jpg")
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
open("/Users/Hui/Documents/mard.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/Users/Hui/Documents/ma
rd.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/open.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/open.py", line 5, in <module>
main()
File "C:/Users/Hui/Documents/open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
>>>
Ln: 21 Col: 0


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> open("/Users/Hui/Documents/mard.jpg")
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
open("/Users/Hui/Documents/mard.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/Users/Hui/Documents/mard.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/open.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/open.py", line 5, in <module>
main()
File "C:/Users/Hui/Documents/open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 9, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
Ln: 29 Col: 0


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Type "help", "copyright", "credits" or "license()" for more information.
>>> open("/Users/Hui/Documents/mard.jpg")
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
open("/Users/Hui/Documents/mard.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/Users/Hui/Documents/mard.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/open.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/open.py", line 5, in <module>
main()
File "C:/Users/Hui/Documents/open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 9, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 9, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
Ln: 40 Col: 0


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
main()
File "C:/Users/Hui/Documents/open.py", line 2, in main
open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 9, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 9, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Traceback (most recent call last):
File "C:/Users/Hui/Documents/config.py", line 10, in <module>
main()
File "C:/Users/Hui/Documents/config.py", line 3, in main
configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
>>>
========== RESTART: C:/Users/Hui/Documents/config.py ==========
Couldn't find the config.txt file!
>>>
Ln: 51 Col: 0


funcion_astronautas.py - C:\Users\Hui\Documents\funcion_astronautas.py (3.10.2)
File Edit Format Run Options Window Help
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 return f"Total water left after {days_left} days is: {total_water_left} lite
6
7
8
Ln: 1 Col: 0

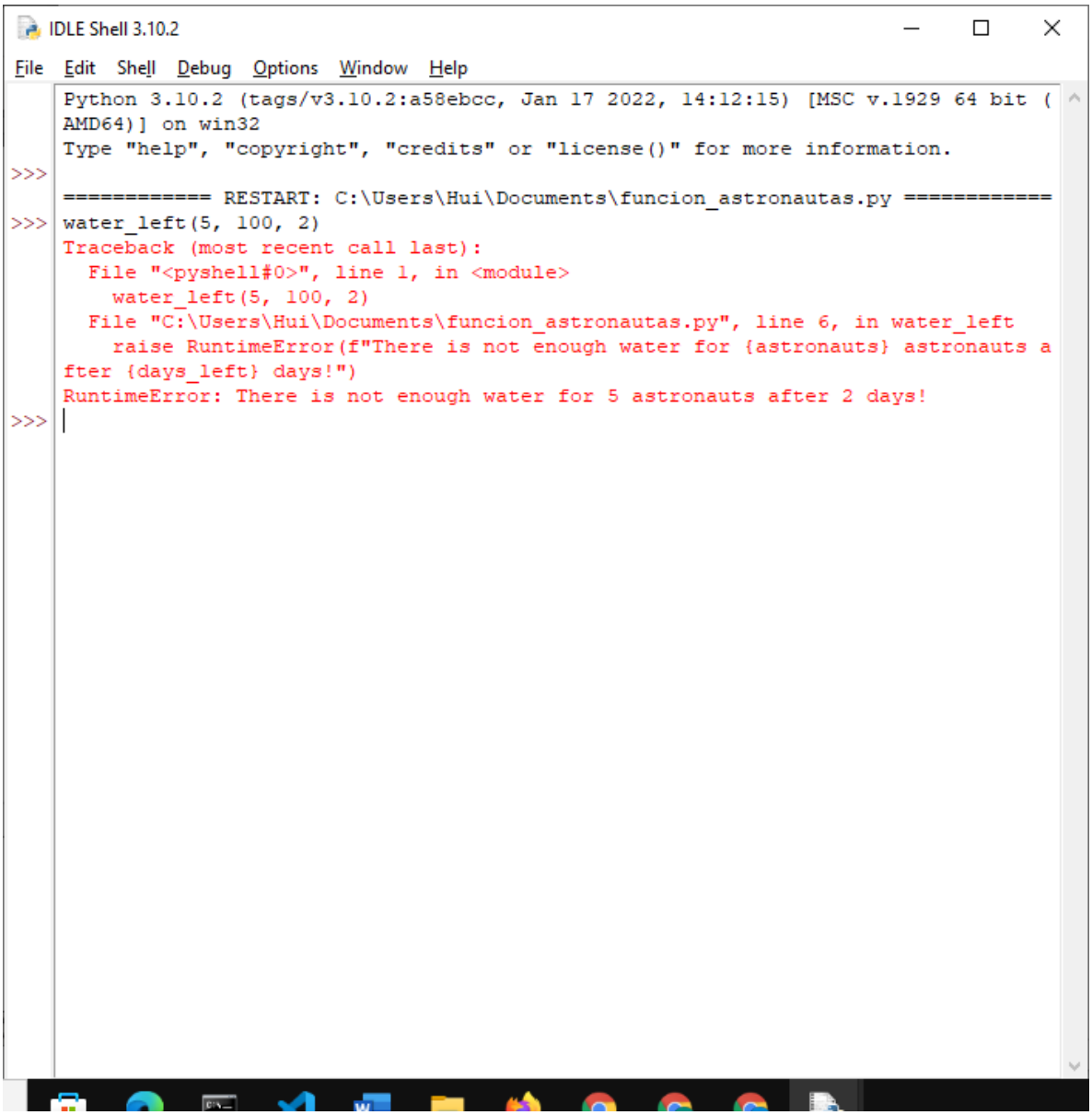

IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/Hui/Documents/funcion_astronautas.py ==========
>>> water_left(5, 100, 2)
'Total water left after 2 days is: -10 liters'
>>>

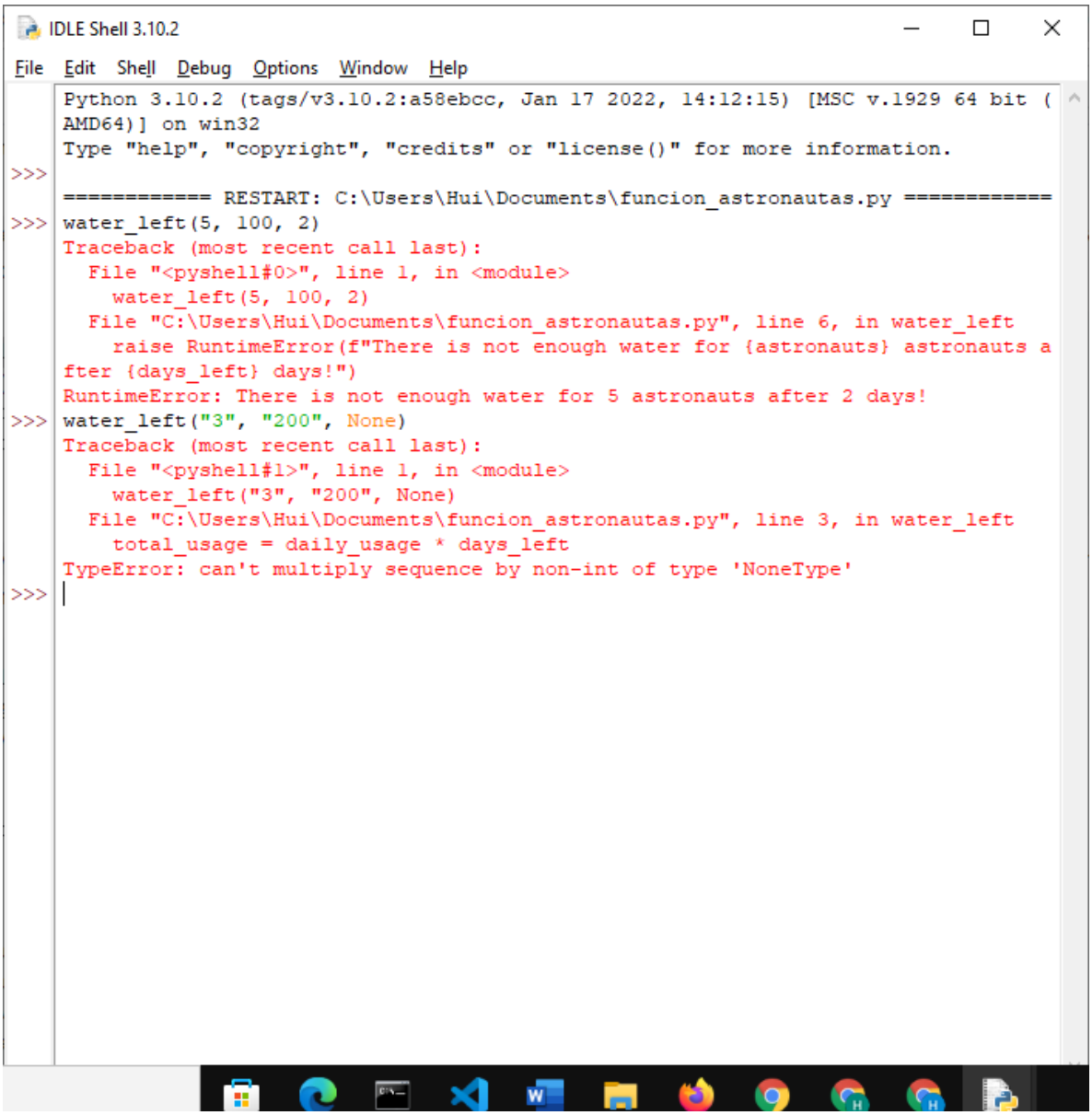
funcion_astronautas.py - C:\Users\Hui\Documents\funcion_astronautas.py (3.10.2)

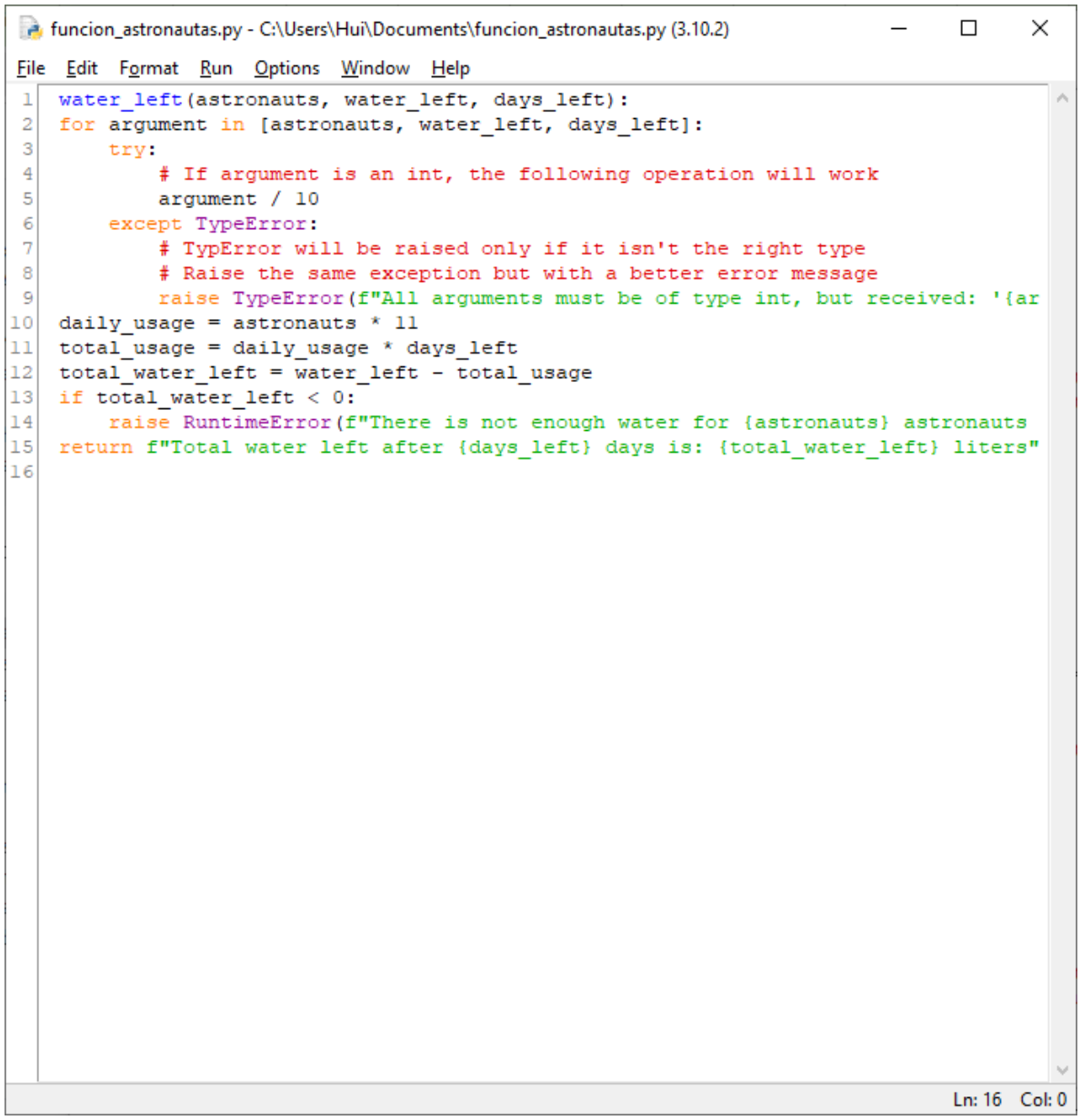
File Edit Format Run Options Window Help

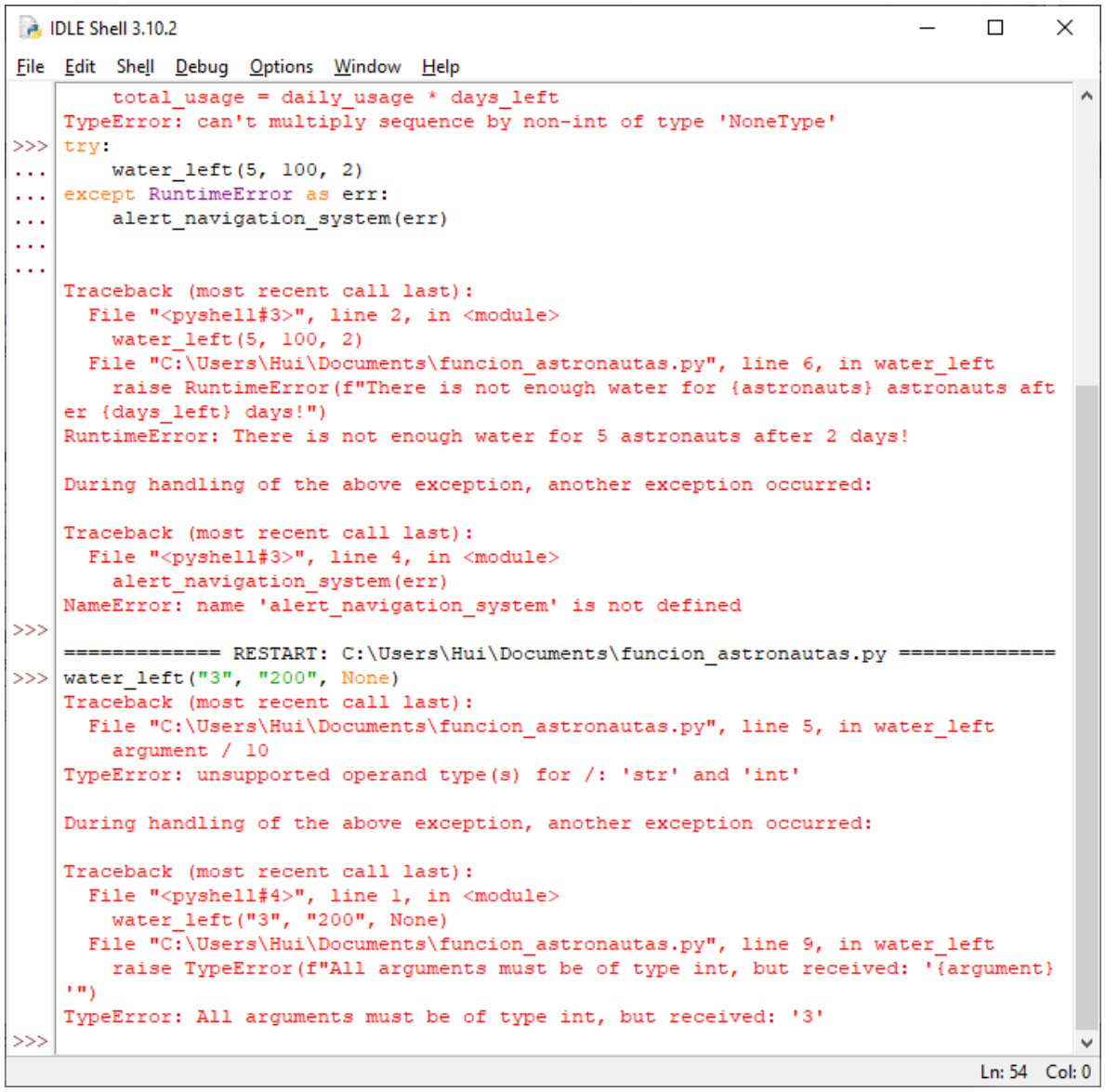
```
water_left(astronauts, water_left, days_left):
daily_usage = astronauts * 11
total_usage = daily_usage * days_left
total_water_left = water_left - total_usage
if total_water_left < 0:
    raise RuntimeError(f"There is not enough water for {astronauts} astronauts
return f"Total water left after {days_left}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

```

Ln: 8 Col: 0


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\Hui\Documents\funcion_astronautas.py ==========
>>> water_left(5, 100, 2)
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
water_left(5, 100, 2)
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 6, in water_left
raise RuntimeError(f"There is not enough water for {astronauts} astronauts a
fter {days_left} days!")
RuntimeError: There is not enough water for 5 astronauts after 2 days!
>>>


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\Hui\Documents\funcion_astronautas.py ==========
>>> water_left(5, 100, 2)
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
water_left(5, 100, 2)
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 6, in water_left
raise RuntimeError(f"There is not enough water for {astronauts} astronauts a
fter {days_left} days!")
RuntimeError: There is not enough water for 5 astronauts after 2 days!
>>> water_left("3", "200", None)
Traceback (most recent call last):
File "<pyshell#1>", line 1, in <module>
water_left("3", "200", None)
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 3, in water_left
total_usage = daily_usage * days_left
TypeError: can't multiply sequence by non-int of type 'NoneType'
>>>


funcion_astronautas.py - C:\Users\Hui\Documents\funcion_astronautas.py (3.10.2)
File Edit Format Run Options Window Help
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: '{ar
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
return f"Total water left after {days_left} days is: {total_water_left} liters"
Ln: 16 Col: 0


IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
total_usage = daily_usage * days_left
TypeError: can't multiply sequence by non-int of type 'NoneType'
>>> try:
... water_left(5, 100, 2)
... except RuntimeError as err:
... alert_navigation_system(err)
...
...
Traceback (most recent call last):
File "<pyshell#3>", line 2, in <module>
water_left(5, 100, 2)
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 6, in water_left
raise RuntimeError(f"There is not enough water for {astronauts} astronauts aft
er {days_left} days!")
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 "<pyshell#3>", line 4, in <module>
alert_navigation_system(err)
NameError: name 'alert_navigation_system' is not defined
>>>
========== RESTART: C:\Users\Hui\Documents\funcion_astronautas.py ==========
>>> water_left("3", "200", None)
Traceback (most recent call last):
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 5, 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 "<pyshell#4>", line 1, in <module>
water_left("3", "200", None)
File "C:\Users\Hui\Documents\funcion_astronautas.py", line 9, 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'
>>>
Ln: 54 Col: 0