



EXPLORER

KATA10

- config.ipynb
- config.py
- kata10.ipynb
- open.py

kata10.ipynb

open.py

config.py

```
open.py > main
1 def main():
2     open("/path/to/mars.jpg")
3
4 if __name__ == '__main__':
5     main()
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell

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Prueba la nueva tecnología PowerShell multiplataforma <https://aka.ms/pscore6>

PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/open.py

Traceback (most recent call last):

```
File "c:\Users\takos\Desktop\kata10\open.py", line 5, in <module>
    main()
```

```
File "c:\Users\takos\Desktop\kata10\open.py", line 2, in main
    open("/path/to/mars.jpg")
```

FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'



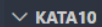
PS C:\Users\takos\Desktop\kata10>

> OUTLINE






kata10.ipynb

 [open.py](#) config.py config.ipynb config.py

kata10.ipynb

 config.py

```
1 try:
2     open('config.txt')
3 except FileNotFoundError:
4     print("Couldn't find the config.txt file!")
5
```





PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

 Python   

Windows PowerShell

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```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

Couldn't find the config.txt file!

```
PS C:\Users\takos\Desktop\kata10>
```






> OUTLINE


Python 3.10.2 64-bit

Ln 5, Col 1 Spaces: 4 UTF-8 CRLF Python



kata10.ipynb

 [open.py](#) config.py 

▼ KATA10

 config.ipynb config.py

kata10.ipynb

 [open.py](#) config.py > ...


PROBLEMS

OUTPUT

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JUPYTER

Python + 

Windows PowerShell

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```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

Couldn't find the config.txt file!

```
PS C:\Users\takos\Desktop\kata10>
```

> OUTLINE

 $\otimes 0 \triangle 0$

Ln 9, Col 11 Spaces: 4 UTF-8 CRLF Python

EXPLORER

▼ KATA10

- config.ipynb
- config.py
- kata10.ipynb
- open.py

config.py

```
config.py > main
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()
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

Python + ▾

Windows PowerShell

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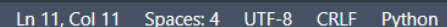
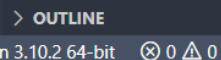
Prueba la nueva tecnología PowerShell multiplataforma <https://aka.ms/pscore6>

PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py

Couldn't find the config.txt file!

PS C:\Users\takos\Desktop\kata10>

> OUTLINE



PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** JUPYTER

Prueba la nueva tecnología PowerShell multiplataforma <https://aka.ms/pscore6>

```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

```
Traceback (most recent call last):
```

```
File "c:\Users\takos\Desktop\kata10\config.py", line 11, in <module>
```

```
main()
```

File "c:\Users\takos\Desktop\kata10\config.py", line 3, in main


```
configuration = open('config.txt')
```

```
PermissionError: [Errno 13] Permission denied: 'config.txt'
```

```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

Couldn't find the config.txt file!


```
PS C:\Users\takos\Desktop\kata10>
```

 open.py

config.py ×

▼ KATA10

```
> config.txt
```

 config.ipynb config.py

kata10.ipynb

 [open.py](#)


```
config.py > main
```

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

Python + 

Windows PowerShell

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```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

```
Found config.txt but it is a directory, couldn't read it
```

```
PS C:\Users\takos\Desktop\kata10>
```

> OUTLINE

⊗ 0 Δ 0

Ln 6, Col 22 Spaces: 4 UTF-8 CRLF Python



EXPLORER

KATA10

> config.txt

config.ipynb

config.py

kata10.ipynb

open.py



> OUTLINE

kata10.ipynb

open.py

config.py



config.py > ...

```
1 try:
2     open("mars.jpg")
3 except FileNotFoundError as err:
4     print("got a problem trying to read the file:", err)
5
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

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Python + -

Windows PowerShell

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Prueba la nueva tecnología PowerShell multiplataforma <https://aka.ms/pscore6>

PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py

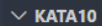
got a problem trying to read the file: [Errno 2] No such file or directory: 'mars.jpg'

PS C:\Users\takos\Desktop\kata10>



config.py - kata10 - Visual Studio Code




kata10.ipynb

 open.py config.py 

```
> config.txt
```

 config.ipynb config.py

kata10.ipynb

 open.py config.py > ...

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

Python + v

Windows PowerShell

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```
PS C:\Users\takos\Desktop\kata10> & C:/Users/takos/AppData/Local/Programs/Python/Python310/python.exe c:/Users/takos/Desktop/kata10/config.py
```

```
Found config.txt but couldn't read it
```

```
PS C:\Users\takos\Desktop\kata10>
```



> OUTLINE

Python 3.10.2 64-bit (x) 0 ^ 0

In 6 Col 1 Spaces: 4 LITE-8 CBIE Pytho



EXPLORER

KATA10

> config.txt

config.ipynb

config.py 1

kata10.ipynb

open.py



> OUTLINE

kata10.ipynb

open.py

config.py 1

kata10.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...

+ Code

+ Markdown

▶ Run All

☒ Clear Outputs of All Cells

🔄 Restart

☐ Interrupt

📄 Variables

☰ Outline

...

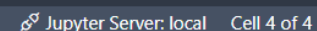
Python

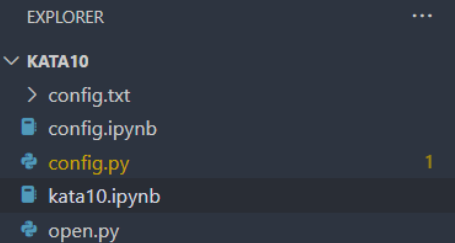
▶

```
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] ✓ 0.4s

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





config.py 1 ●

```
water left("3", "200", None)
```

[8]  0.5s

```
Input In [8], 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:

```
Input In [8], 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("3", "200", None)

```

```

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("All arguments must be of type int, but received")
10 daily_usage = astronauts * 11
11 total_usage = daily_usage * days left

```