

Kata10_MSLM.ipynb •

C: > Users > slc90 > Desktop > Katas > KatasLuzMartínez > Kata10_MSLM > Kata10_MSLM.ipynb > open("/path/to/mars.jpg")

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```
open("/path/to/mars.jpg")
```

[1] ⓧ 0.5s

...

```
-----  
FileNotFoundError                                Traceback (most recent call last)  
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 1' in <module>  
----> 1 open("/path/to/mars.jpg")  
  
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
```

```
def main():  
    open("/path/to/mars.jpg")  
  
if __name__ == '__main__':  
    main()
```

[2] (X) 0.3s

```
-----  
FileNotFoundError                                Traceback (most recent call last)  
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 2' in <module>  
      2     open("/path/to/mars.jpg")  
      4 if __name__ == '__main__':  
----> 5     main()  
  
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 2' in main()  
      1 def main():  
----> 2     open("/path/to/mars.jpg")  
  
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
```



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

[3] ✓ 0.3s

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



```
import os
```

```
os.mkdir('config.txt')
```

[4]



0.7s

PROBLEMS

OUTPUT

TERMINAL

JUPYTER

DEBUG CONSOLE

Microsoft Windows [Versión 10.0.22000.434]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\slc90>cd Desktop\Katas\KatasLuzMartínez\Kata10_MSLM

C:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM>python config.py

python: can't open file 'C:\\Users\\slc90\\Desktop\\Katas\\KatasLuzMartínez\\Kata10_MSLM\\config.py': [Errno 2] No such file or directory



```
def main():  
    try:  
        configuration = open('config.txt')  
    except Exception:  
        print("Couldn't find the config.txt file!")  
  
if __name__ == '__main__':  
    main()
```

[13] ✓ 0.5s

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

+ Code

+ Markdown

```
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"
```

[12] ✓ 0.4s



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

[13] ✓ 0.4s

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

water_left(5, 100, 2)

[15] 0.9s

```
-----  
RuntimeError                                Traceback (most recent call last)  
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 4' in <module>  
----> 1 water_left(5, 100, 2)  
  
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 3' 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!
```

+ Code

+ Markdown

```
try:
    water_left(5, 100, 2)
except RuntimeError as err:
    alert_navigation_system(err)
```

0.8s

```
-----
RuntimeError                                Traceback (most recent call last)
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 4' in <module>
```

```
1 try:
----> 2     water_left(5, 100, 2)
3 except RuntimeError as err:
```

```
Input In [24], in water_left(astronauts, water_left, days_left)
```

```
13 if total_water_left < 0:
---> 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"
```

```
RuntimeError: There is not enough water for 5 astronauts after 2 days!
```

During handling of the above exception, another exception occurred:

```
NameError                                Traceback (most recent call last)
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 4' in <module>
```

```
2     water_left(5, 100, 2)
3 except RuntimeError as err:
----> 4     alert_navigation_system(err)
```

```
NameError: name 'alert_navigation_system' is not defined
```



```
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"
```

[24] ✓ 0.5s



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

[25]

0.1s

```
-----
TypeError                                Traceback (most recent call last)
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 4' 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:

```
TypeError                                Traceback (most recent call last)
c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 5' in <module>
----> 1 water_left("3", "200", None)

c:\Users\slc90\Desktop\Katas\KatasLuzMartínez\Kata10_MSLM\Kata10_MSLM.ipynb Cell 4' in water_left(astronauts, water_left, days_left)
      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(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'