

```
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)

[16] ✓ 0.9s Python
... 'Total water left after 2 days is: -10 liters'

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"
water_left(5, 100, 2)

[21] ⓧ 0.2s Python

RuntimeError                                Traceback (most recent call last)
Untitled-1.ipynb Cell 2' in <module>
      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"
----> 8 water_left(5, 100, 2)

Untitled-1.ipynb Cell 2' 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!

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

[22] ⓧ 0.1s Python

RuntimeError                                Traceback (most recent call last)
Untitled-1.ipynb Cell 3' in <module>
----> 1 try:
      2     water_left(5, 100, 2)
      3 except RuntimeError as err:

Untitled-1.ipynb Cell 2' in water_left(astronauts, water_left, days_left)
      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!

During handling of the above exception, another exception occurred:

NameError                                Traceback (most recent call last)
Untitled-1.ipynb Cell 3' 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"

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

[24] 0.1s Python

```
-----
TypeError                                 Traceback (most recent call last)
Untitled-1.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)
Untitled-1.ipynb Cell 4' 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)

Untitled-1.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'
```