Day 29: Python File handling - Write/ Create

Write to an Existing File

To write to an existing file, you must add a parameter to the `open()` function:

a	Append	Will append to the end of the file
w	Write	Will overwrite any existing content

```python
# Open the file "demofile.txt" and append content to the file:
with open("demofile.txt", "a") as f:
  f.write("Now the file has more content!")

# Open and read the file after the appending:
with open("demofile.txt") as f:
  print(f.read())
```

Overwrite Existing Content

To overwrite the existing content to the file, use the `w` parameter:

```python
# Open the file "demofile.txt" and overwrite the content:
with open("demofile.txt", "w") as f:
  f.write("Woops! I have deleted the content!")

# Open and read the file after the overwriting:
with open("demofile.txt") as f:
  print(f.read())
```

Note: the "w" method will overwrite the entire file.

Create a New File

To create a new file in Python, use the `open()` method, with one of the following parameters:

x	Create	Will create a file, returns an error if the file exists
a	Append	Will create a file if the specified file does not exist
w	Write	Will create a file if the specified file does not exist

Example:

```python
# Create a new file called "myfile.txt":
f = open("myfile.txt", "x")
```

Result: a new empty file is created.

Note: If the file already exists, an error will be raised.

📝 <u>Test</u>