



# Python File Write

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## 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

### Example

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Open the file "demofile2.txt" and append content to the file:

```
f = open("demofile2.txt", "a")
f.write("Now the file has more content!")
f.close()

#open and read the file after the appending:
f = open("demofile2.txt", "r")
print(f.read())
```

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### Example

Open the file "demofile3.txt" and overwrite the content:

```
f = open("demofile3.txt", "w")
f.write("Woops! I have deleted the content!")
f.close()
```

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**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 exists

`"w"` - Write - will create a file if the specified file does not exists

### Example

Create a file called "myfile.txt":

```
f = open("myfile.txt", "x")
```

Result: a new empty file is created!

### Example

Create a new file if it does not exist:

```
f = open("myfile.txt", "w")
```

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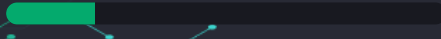
What happens to the original file content if you open a file like this:

```
f = open('demofile3.txt', 'w')
```

- ☐ The original content will be overwritten
- ☐ Any new content will be added after the original content

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