

Writing to a File

- First must open file for writing
- Options
 - Write all lines at once with `write(data)`
 - Write a few lines at a time with `writelines(data)`
 - Print a line with `print(data, filename)`

Writing to a file is much like reading:

- **Open.** Open the file for writing or appending.

```
my_output_file = open("/home/documents/text.txt", 'w')
```

Note

Opening a file with the write argument will create an empty file. If you are opening an existing file, use the append argument if you want to keep the existing file contents.

```
my_output_file = open("/home/documents/text.txt", 'a')
```

- **Write.** There are also options for writing to a file:

- `write(data)` . To write all data at once.

```
my_string = "Cisco Systems"
my_output_file = open("/home/documents/text.txt", 'w')
my_output_file.write(my_string)
my_output_file.close()
```

- `writelines(data)` . To write a few lines of data.

```
my_string = "This is line 1"
my_output_file = open("/home/documents/text.txt", 'w')
my_output_file.writelines(my_string)
my_output_file.close()
```

It is also possible to write things out to a file using the 'print' function:

```
print(data, filename)
```