

Command Line

```
import sys
```

`sys.argv` - contains a list of all command line arguments passed into the program, where the first element is the name of the program.

e.g. `print(sys.argv)`

```
['emojis.py', 'pumpkin']
```

Nerd Fonts

<https://www.nerdfonts.com/font-downloads>

- a great font for both programming and has many unicode symbols as well

e.g. Inconsolata Nerd Font

OS Functions

- run operating system functions from Python
- changing/making directories, moving files, renaming files, checking if files exist

```
import os
```

Files

`open('filename.txt', 'w')`

- open or overwrite a file for writing

`open('filename.txt', 'a')`

- open a file for writing and append to the current contents

`open('filename.txt', 'r')`

- open a file for reading

`f.close()`

- release the opened file back to the operating system

Writing Files

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

```
f.write("some data")
```

- will write a string to a file that has been

previously opened

With Statement

```
with open("filename","r") as f:
```

```
    f.read()
```

- similar to open/close, but will automatically close the file

Reading Files

`f.read()` - read the entire contents of a file

e.g.) `data = f.read()`

`f.readlines()` - read the entire contents of a file
into a list

with `open(...)` as `f`: - opens a file, reads each
line in a loop, storing it in
the variable 'line'
 `for line in f:`
 `print(line)`