Errors

Mr. Poole
Python
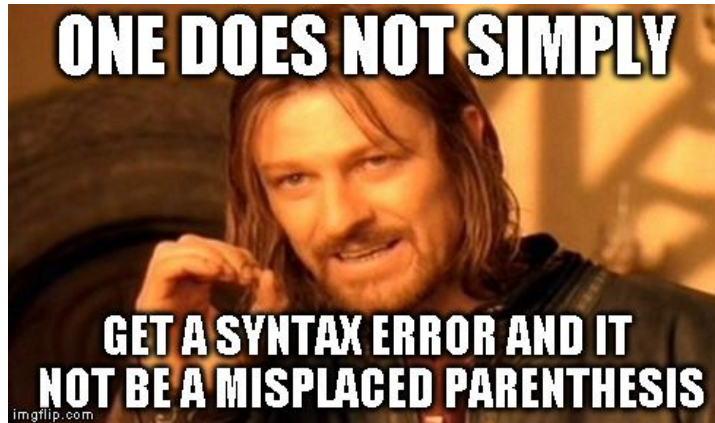
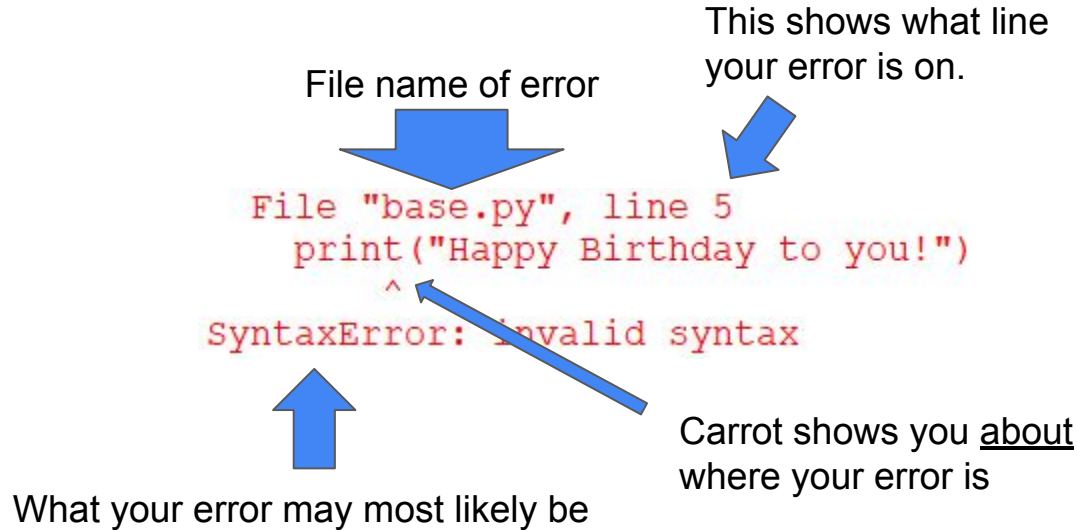# Syntax, what is it again?

Syntax

Definition - the **set of rules** that defines how a Python program will be written and interpreted

In other words, it's **grammar for programming**! It usually means, ERRORS!

ONE DOES NOT SIMPLY

GET A SYNTAX ERROR AND IT NOT BE A MISPLACED PARENTHESIS

Syntax Error Example

This shows what line your error is on.

File name of error

```
File "base.py", line 5
    print("Happy Birthday to you!")
           ^
SyntaxError: Invalid syntax
```

Carrot shows you about where your error is

What your error may most likely be

This error is a missing semicolon on the line PREVIOUS to the one shown.
It's unable to understand what "print" is because the previous line never finished.

Indentation Error

Sorry: IndentationError: unexpected indent (base.py, line 3)

You may come across an error like the above.

Indentation in Python **MATTERS**.

Make sure everything is on the same indentation unless specified otherwise.

Lab: Errors

1. In the given **base.py** file, fix all errors!
2. Make sure your output matches the labOutput given.
3. Once all errors are fixed, you've done it!