

WEEK 8

COMP(2041|9044)

You like penguins?

AGENDA

1. More Python
2. More re module
3. subprocess module

INBUILT TYPES

- `int()`
- `float()`
- `str()`
- `[]` - `list()`
- `{}` - `dict()` - store data vales in key:value pairs
- `(,)` - `tuple()` - immutable list
- `{,}` - `set()` - unordered collection of unique elements
- `frozenset()` - like a set, but immutable (like a tuple is to a list)

MORE TYPES

What other useful types are available with Python's standard library?

- `collections.Counter` - like a dictionary, has a default value of 0.
- `collections.defaultdict` - like a dictionary, can set a default value
- `collections.OrderedDict` - like a dictionary, keeps the order of the keys.

CODE DEMO!

TIME FOR LAB

[Code and Slides Available here](https://github.com/jeremyle56/tutoring/tree/24T2/24T2/cs2041)

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