Where's My Type?

Variables in Python are **dynamically-typed**: declared without an explicit type

However, **objects** have a type, so Python knows the type of a variable, even if you don't

```python
type(1)        # => <class 'int'>
type("Hello")  # => <class 'str'>
type(None)     # => <class 'NoneType'>
```

This is the same object as the literal type int

```python
type(int)      # => <class 'type'>
type(type)     # => <class 'type'>
```

Python's dynamic type system is fascinating

Numbers and Math

```python
3               # => 3   (int)
3.0             # => 3.0 (float)


1 + 1           # => 2
8 - 1           # => 7
10 * 2          # => 20
13 / 4          # => 3.25
```

Python has two numeric types
int and float