

02-Data Types

August 3, 2022

0.1 # Strings

A string is a single or group of characters within quotes. `<type> 'str'>`

```
[1]: print("I")
      print("<3")
      print("Cheese Puffs!")
```

```
I
<3
Cheese Puffs!
```

```
[38]: print('Still a string')
       print('What if I need to use "quotes" in my string')
       print("I'm sure I can do this too!")
```

```
Still a string
What if I need to use "quotes" in my string
I'm sure I can do this too!
```

```
[39]: print('Bert \x26 Ernie')
       print("""This
       needs to be
       multiple lines""")
```

```
Bert & Ernie
This
needs to be
multiple lines
```

```
[10]: # How can I find out what the type is?
       type("string")
```

```
[10]: str
```

1 Integer

Numbers (positive and negative) without quotes.

```
[11]: print(3)
      print(-2)
      print(0)
```

```
3
-2
0
```

```
[12]: # Does this work?
      print(4 - 2)
```

```
2
```

```
[17]: # How about this?
      print("2" + "3")
```

```
23
```

```
[20]: type(2)
```

```
[20]: int
```

2 Float

Numbers (positive and negative) with decimals. These are all floats - 3.2 - 7.00000001 - 0.0

```
[21]: print(3.2)
      print(7.00000001)
      print(0.0)
```

```
3.2
7.00000001
0.0
```

```
[24]: type(3.5)
```

```
[24]: float
```

3 Boolean

True or False NOT in quotes. These are all Bools - True - False

[37]: NoneType