Python Scripting 101

HWRS 401/501
09/06/2022

Announcements

- First forecasting assignment due today (I think everyone finished it)
- On Thursday we will set up homework repos + I will give the first cheat-sheet assignment (due next Thursday)

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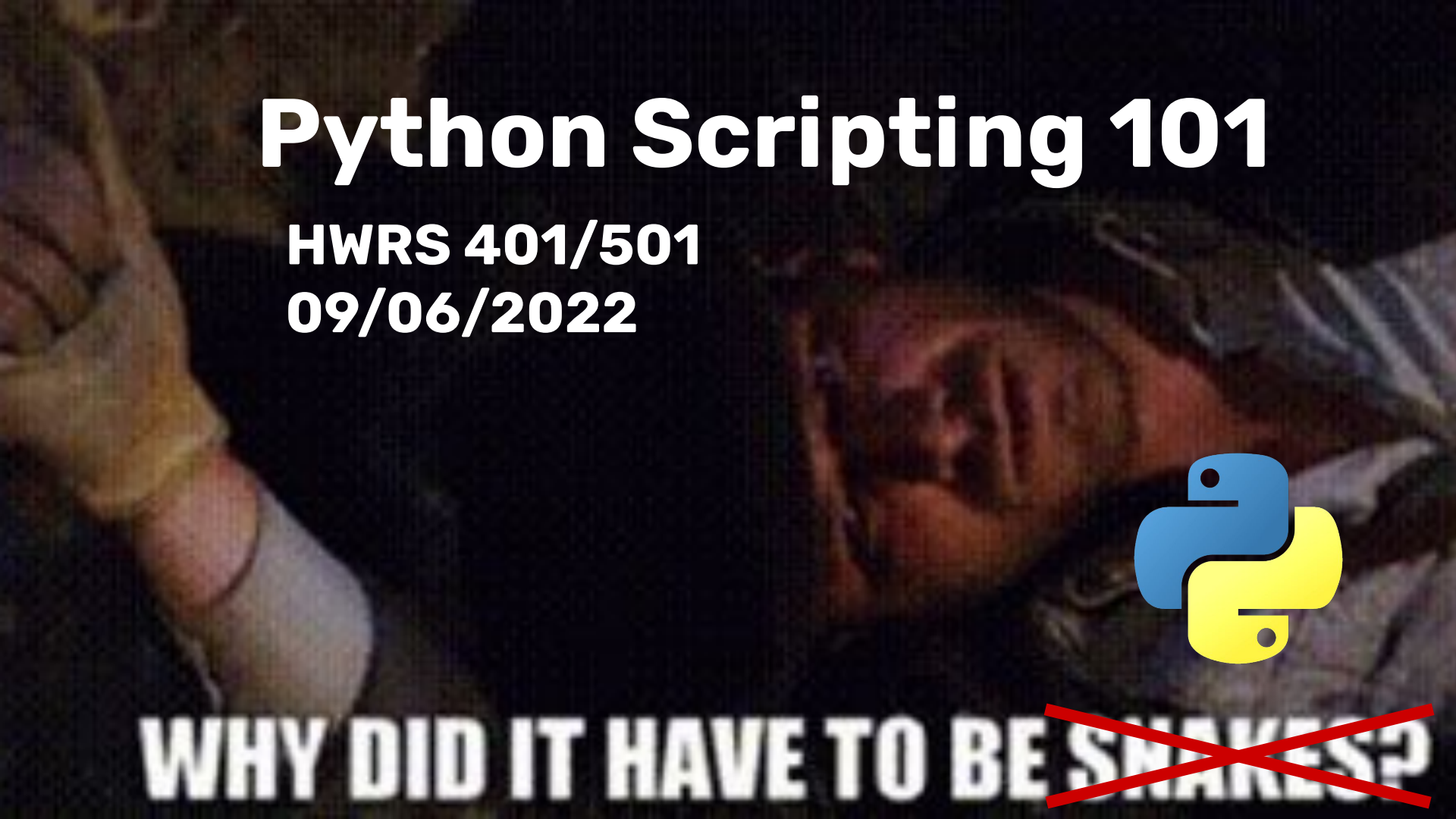

Some quick refreshers

```
x = 5

y = 3

x = 2 * x

print(x + y)
```

Some quick refreshers

```
x = 5
y = 3
x = 2 * x
print(x + y)
```

13

Some quick refreshers

```
x = 5
y = 3
x = 2 * x
print(x + y)
```

x = 5

Some quick refreshers

```
x = 5
y = 3
x = 2 * x
print(x + y)
```

```
x = 5
y = 3
```

Some quick refreshers

```
x = 5
y = 3
x = 2 * x
print(x + y)
```

```
x = 5
y = 3
x = 2 * 5 = 10
```

Some quick refreshers

```
x = 5
y = 3
x = 2 * x
print(x + y)
```

```
x = 5
y = 3
x = 2 * 5 = 10
x+y = 10+3 = 13
```

Some quick refreshers

```
x = ‘waka’
y = 3
print(x * y)
```

Some quick refreshers

```
x = ‘waka’
y = 3
print(x * y)
```

‘wakawakawaka’

Some quick refreshers

```
x = ‘More riddles for you’
y = x.split(‘ ‘)
print(type(y))
```

Some quick refreshers

```
x = ‘More riddles for you’
y = x.split(‘ ‘)
print(type(y))
```

list

Some quick refreshers

```
x = {0: ‘a’, 1: ‘b’, 2: ‘c’}
y = x[1]
print(y)
```

Some quick refreshers

```
x = {0: ‘a’, 1: ‘b’, 2: ‘c’}
y = x[1]
print(y)
```

‘b’

Some quick refreshers

```
x = {‘a’: 2, ‘b’: 1, ‘c’: 0}
y = x[‘c’]
print(y)
```

Some quick refreshers

```
x = {‘a’: 2, ‘b’: 1, ‘c’: 0}
y = x[‘c’]
print(y)
```

0

Some quick refreshers

```
x = 5

y = 3

# x = 2 * x

print(x + y)
```

Some quick refreshers

```
x = 5
y = 3
# x = 2 * x
print(x + y)
```

8

Cool - let’s jump into python via vscode