Intro to Python Week 3 : Loops

Review

What is a conditional statement

- A function that performs a certain action depending on whether a specific value is true or false

- Three types of conditionals in python: if, else and elif

Types of Loops in Python

"For loops"

- Repeat the same action over and over for multiple:

  o rows in a data set

  o items in a list

  o characters in a string

"For loops"

```
for something in "iterable" thing:

    do something
```

"For loops"

```python
num_list = [7, 3, 1, 6, 8, 2]

for i in num_list:

    print(i)
```

"For loops": lists

```python
num_list = [7, 3, 1, 6, 8, 2]

for i in num_list:

    print(i)
```

"For loops": strings

```
my_string = "earthquakes"

for i in my_string:

    print(i)
```