Tuple

Tuples

- Tuples are ordered
- Tuples are immutable
- Items cannot be added to Tuples

Create Tuple

```
myTuple = ("red", "blue", "green")
print(myTuple)
_____

('red', 'blue', 'green')
```

Tuple Constructor

```
myTuple = tuple(("red", "blue", "green"))
print(myTuple)

_____

('red', 'blue', 'green')
```

Access Tuple

```
myTuple = ("red", "blue", "green")
print(myTuple[1])
_____

blue
```

Loop with Tuple

```python
myTuple = ("red", "blue", "green")
for x in myTuple:
        print(x)
```

```
red
blue
green
```

Set

Sets

- Sets are unordered
  - No index
- Sets are immutable
- Items CAN be added to Sets

Create Set

```
mySet = {"red", "blue", "green"}
print(mySet)
_____

{'blue', 'red', 'green'}
```

Set Constructor

```python
mySet = set(("red", "blue", "green"))
print(mySet)
```

```
{'blue', 'red', 'green'}
```

Loop Set

```
mySet = set(("red", "blue", "green"))
for x in mySet:
        print(x)
_____
blue

red

green
```

Add to Set

```python
mySet = set(("red", "blue", "green"))
mySet.add("orange")
print(mySet)

{'blue', 'red', 'orange', 'green'}
```

Remove from Set

```
mySet = set(("red", "blue", "green"))
mySet.remove("red")
print(mySet)

_____

{'blue', 'green'}
```

Remove Last from Set

```
mySet = set(("red", "blue", "green"))
mySet.pop()
print(mySet)

{'blue', 'red'}
```