

Dictionaries and Sets

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In operator

```
1  d = {"name": "Chelsea",  
2      "age": 21,  
3      "phone": "555-555-5555"}  
4  
5  
6  print("name" in d)  
7  print("Chelsea" in d)  
8  print("Chelsea" in d.values())
```

Sets

- Collection
- Unique Elements
- Mutable

Set Syntax

```
1 my_set = {1,2,3,4,5,6,7,8,9}
2
3 my_set = {1,1,1,1,1,1,2,3,4,5,6,7,8,9}
4 print(my_set)
5
```

Set Methods

```
1 my_set = {1,2,3,4,5,6,7,8,9}
2
3 my_set.remove(8)
4
5 print(my_set)
```

```
1 my_set = {1,2,3,4,5,6,7,8,9}
2
3 my_set.add(10)
4
5 print(my_set)
```

Set Methods

Intersection, union, difference

