Python Refresher 3

⇒ Sets and Dictionary

⇒ Tuples

⇒ A Lot of Quizzes
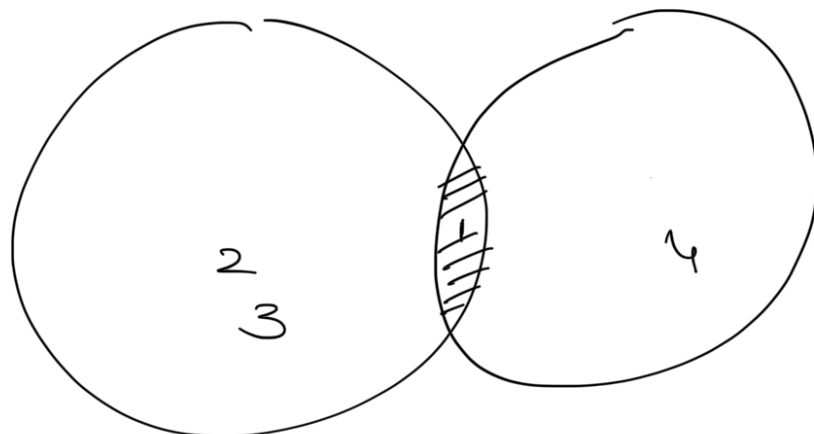

Set Ops
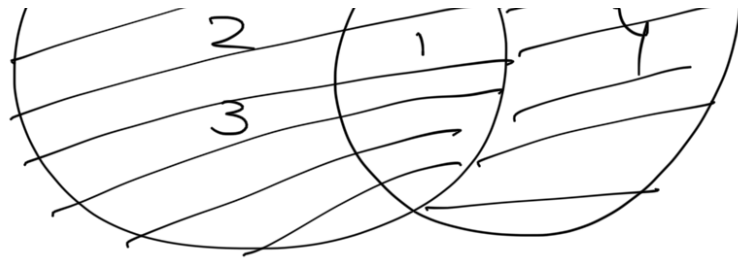
$A = \{1, 2, 3\}$ $B = \{1, 4\}$

⇒ Intersection ⇒ $\{1\}$
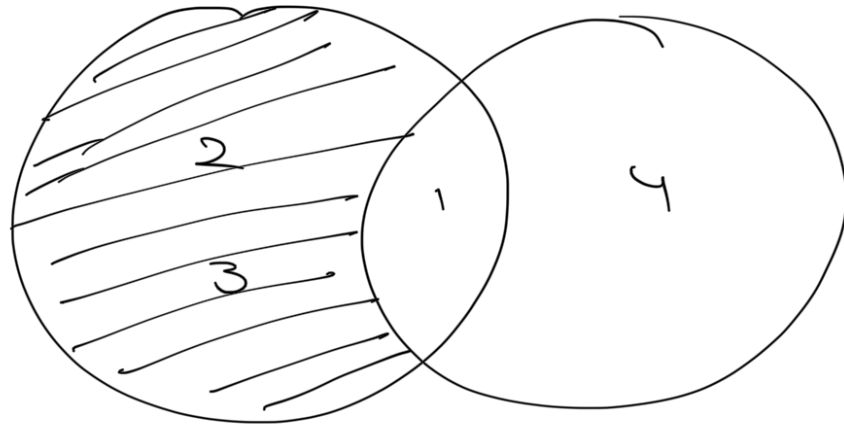

⇒ Union = $\{1, 2, 3, 4\}$

→ Difference → $A - B = \{2, 3\}$

→ Symmetric Difference $= \{2, 3, 4\}$
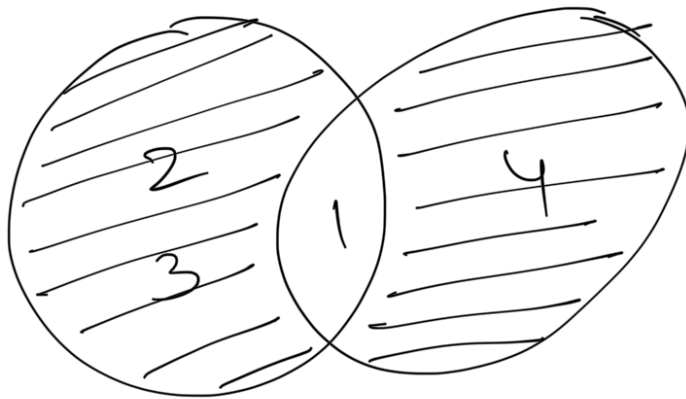
$$A \cup B - A \cap B$$

$$\boxed{\text{Comprehension}}$$

→ Shortcut to create iterable.

iterables
→ List
→ Tuple
→ Set
→ dict

```
Out = [ ]
for i in range(10):
    Out.append( i**2 )
```

```
Out = [ i**2 for i in range(10) ]
```