Tuples + Sets

(tuple)

→ immutable list

→ When the collection of data stays fixed

→ Ex: 7 days of week

→ Why use tuple?

→ more efficient in terms of Speed and Memory

Unpacking

$$x, y, z = 1, 2, 3$$

Unpacking tuple into variables

$$a = 1, 2, 3$$

$$\boxed{\text{Packing Values into tuple}}$$

--- ✗ ---

$$\{ \text{set} \}$$

⇒ Set is Collection of Unique Elements

⇒ Sets are Unordered ✓

↓

insertion Ordered

> Python 3.7
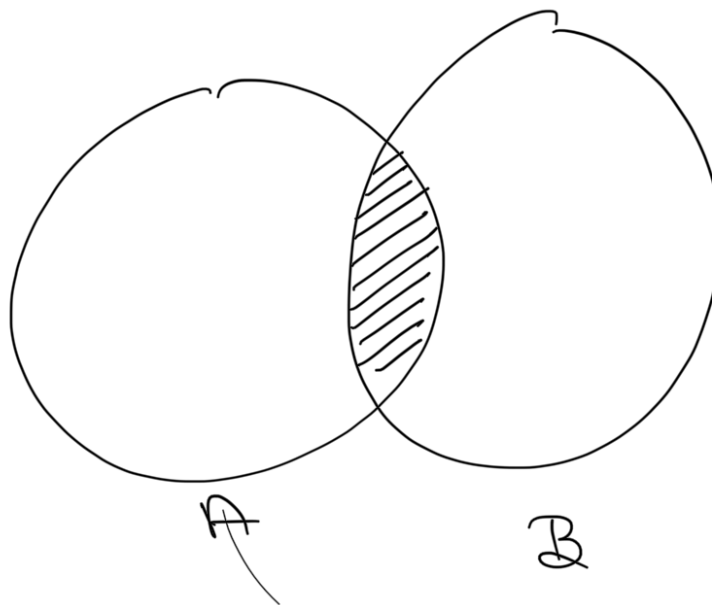
⇒ Sets can store all immutable

2) Sets Can't store mutables

database

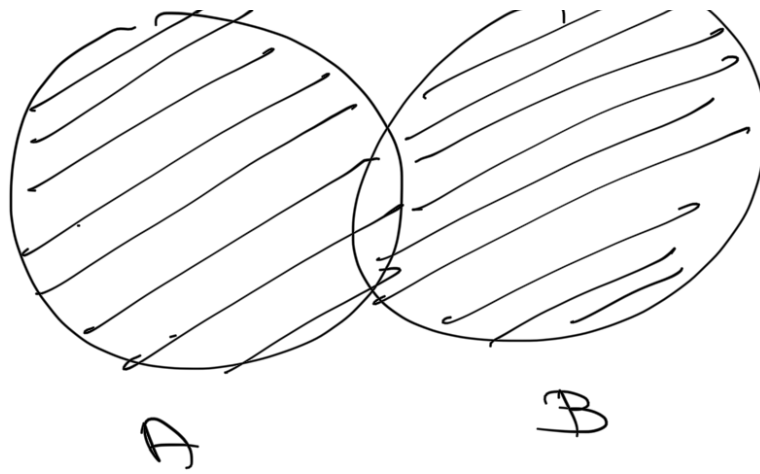| name	adRan	address
a	1	—
b	2	—
a	3	—
	1	—
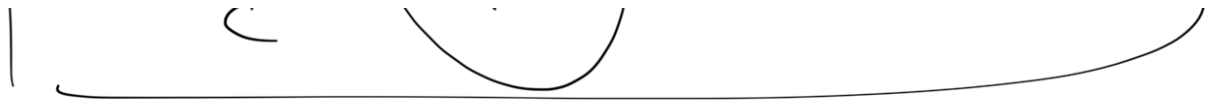
SET OPS

1) intersection

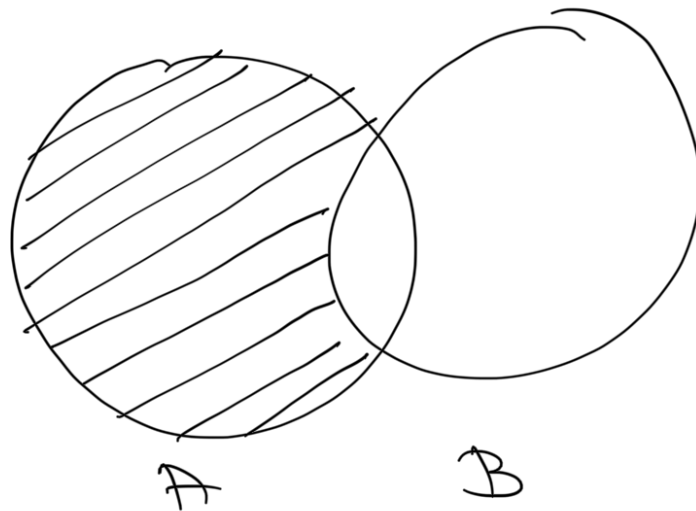A   B
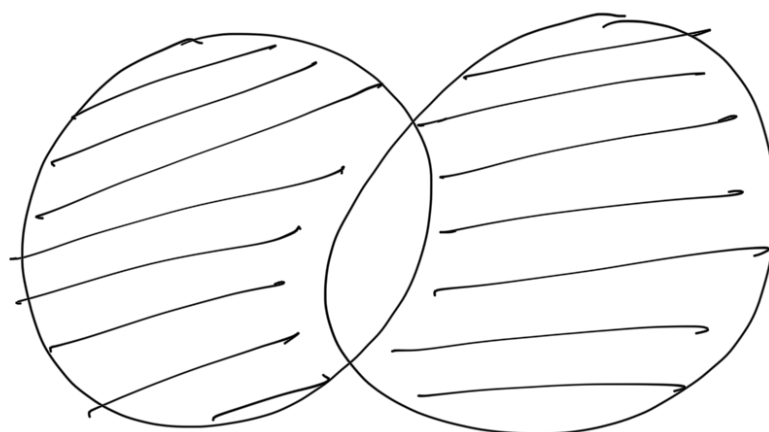
3) Common Element in Set A
and   B

2) Union

⇒ contains all elements from both A and B

③ Difference

A − B

④ Symmetric Difference

A   B

Union (A, B) — inter (A, B)