*Python Set Basics Study Sheet Last Update 28 Jun ‘23*

Set Element properties:

Make an empty set:

Make a populated set:

*Set operations that return sets*

logical or

logical and

difference

logical xor

for xor: (only accepts one arg) (multiple sets okay)

*Set operations that checks (and returns bools), from S1’s pov:*

... if s1 and s2’s intersection is empty

... if every element of s1 is in s2

... if s1 is a proper subset of s2

... if every element of s2 is in s1

... if s2 is a proper subset of s1

Set operations

*given S1 = {1, 2, 3, 6}, write code for each of the following:*

add 5:

merge nondupes from my\_list into S1:

remove 3:

remove 7:

remove 7 but not create error:

clears all entries