



```
# Sets

list_a = ["justin", "davies", "clark", "tris", "paul", "ryan", "justin",
"davies", "clark"]
list_b = ["davies", "tris", "andy", "dave", "mike"]

print ("List_a ->", list_a)
print ("List_b ->", list_b)

print ("-----")

set_a = set(list_a)
set_b = set(list_b)

print ("set_a ->", set_a)
print ("set_b ->", set_b)

print ("-----")

# Methods
print ("Union ->", set_a.union(set_b))
print ("Intersection ->", set_a.intersection(set_b))
print ("Difference 1 ->", set_a.difference(set_b))
print ("Difference 2 ->", set_b.difference(set_a))
print ("Symmetric Difference ->", set_a.symmetric_difference(set_b))

print ("-----")

# Operators
print ("Union ->", set_a | set_b)
print ("Intersection ->", set_a & set_b)
print ("Difference 1 ->", set_a - set_b)
print ("Difference 2 ->", set_b - set_a)
print ("Symmetric Difference ->", set_a ^ set_b)

print ("-----")
```