```
"""
Topic: Set- Operations
Reference : NPTL:https://onlinecourses.nptel.ac.in/:Course-Python for Data Science
"""
Numbers={1,"vit",3,"pune",5,6,7,8,9,10}
OddNumbers={1,3,"vit",7,9,11,33,55,77,99}

print(Numbers)

print(OddNumbers)

""" Set Union
union() - returns all elements belonging to both set A and B
Syntax:
    set_A.union(Set_B)
"""
union=Numbers.union(OddNumbers)

print(union)

""" Set Intersection
intersection() - returns all elements common to both set A and B
Syntax:
    set_A.intersection(Set_B)
"""
intersection=Numbers.intersection(OddNumbers)

print(intersection)

""" Set difference
difference() - returns elements belonging to set A
but not Set B
Syntax:
    set_A.difference(Set_B)
"""
difference=Numbers.difference(OddNumbers)

print(difference)

""" Set Symmetric difference
symmetric_difference() - returns elements not common to
both the sets A and B
Syntax:
    set_A.symmetric_difference(Set_B)
"""
Sym_diff=Numbers.symmetric_difference(OddNumbers)

print(Sym_diff)
```