**Frozenset() in Python**

* Frozen sets are immutable objects, it has the characteristics of a set, but its elements cannot be changed once assigned.
* The frozenset() is an inbuilt function in python which takes an iterable objects as argument and make them immutable.
* Since sets are mutable objects and unhashable, they can’t be used as keys in dictionary data type.
* Frozenset() methods:

1. Copy()
2. Difference()
3. Intersection()
4. Isdisjoint()
5. Issubset()
6. Issuperset()
7. Symmetric\_difference()
8. Union()

Frozen does not support any method that add, update or remove elements.

**Example 1**

Since frozenset() object are immutable they are mainly used as key in dictionary or elements of other sets. Below example explains it clearly.

# create dictionary

Student = {"name": "Romana", "college": "SUST", "address": "MI"}

# making keys of dictionary as frozenset

key = frozenset(Student)

# printing keys details

print('The frozen set is:', key)

output: The frozen set is: frozenset({'address', 'name', 'college'})

**Example 2**

# creating a list

old\_subject = ["Math", "Statistics", "Algo"]

# making frozenset type

new\_subject = frozenset(old\_subject)

 # below line will generate error

 new\_subject[1] = "Networking"

output: ERROR

**Example 3:**

#converting from frozen to normal set

f\_set = ({'hello', 'world'})

n\_set= set(f\_set)

n\_set.add("dear")

print(n\_set)

output: {'hello', 'world', 'dear'}