

Frozenset

1. We can add and remove the values in Set using **add()** Function and **remove()** Function
2. But, we cannot add and remove the values in Frozenset.
3. The common difference between set and frozenset is, set **mutable** and frozenset is **immutable**.

```
x = {1, 2, 3, 4}
print(type(x)) # <class 'set'>
```

```
f = frozenset()
print(type(f)) # <class 'frozenset'>
```

#duplicates are not allowed in set and frozenset

```
x = {1, 2, 3, 4, 5, 1, 2}
y = frozenset(x)
print(y) # frozenset({1, 2, 3, 4})
print(type(y)) # <class 'frozenset'>
```

we cannot add and remove elements in frozenset, but we can add in set

```
x = {1, 2, 3, 4, 5, 1, 2}
y = frozenset(x)
```

```
y.add(5) # Error
print(y) #AttributeError: 'frozenset' object has no attribute 'add'
```

```
y.remove(4) # Error
print(y) # AttributeError: 'frozenset' object has no attribute 'remove'
```

```
# We can add and remove frozenset in set
```

```
x = {1,2,3,4}
```

```
z = frozenset(x)
```

```
x.add(z)
```

```
print(x) # {1, 2, 3, 4, frozenset({1, 2, 3, 4})}
```

```
x.remove(z)
```

```
print(x) # {1, 2, 3, 4}
```