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10) Frozen set()

A frozen set in Python is an immutable collection of unique elements similar to set. While a set can be modified after creation, a frozen set cannot be changed once it is created. Once a frozen set is created, its elements remain fixed.

- cannot mutate elements
- can be iterable
- Frozen set do not preserve the order of elements.

Example of a frozen set()

```
mylist = ['apple', 'banana', 'cherry']  
n = frozenset(mylist)
```

Output:

```
frozenset({'cherry', 'apple', 'banana'})
```

Syntax:

```
frozenset(iterable)
```

Parameter: iterable

An iterable object - list, set, tuple etc

```
mylist = ['apple', 'banana', 'cherry']
```

```
x = frozenset(mylist)
```

```
x[1] = "strawberry"
```

```
print(x)
```

Output:

TypeError: 'frozenset' object does not support item assignment