02.12-frozen-sets

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tuplelistset**Python**frozen set
    frozenset

```
In [1]: s = frozenset([1, 2, 3, 'a', 1])
        s

Out[1]: frozenset({1, 2, 3, 'a'})
```

```
In [2]: flight_distance = {}
        city_pair = frozenset(['Los Angeles', 'New York'])
        flight_distance[city_pair] = 2498
        flight_distance[frozenset(['Austin', 'Los Angeles'])] = 1233
        flight_distance[frozenset(['Austin', 'New York'])] = 1515
        flight_distance

Out[2]: {frozenset({'Los Angeles', 'New York'}): 2498,
         frozenset({'Austin', 'Los Angeles'}): 1233,
         frozenset({'Austin', 'New York'}): 1515}
```

```
In [3]: flight_distance[frozenset(['New York','Austin'])]

Out[3]: 1515
```

```
In [4]: flight_distance[frozenset(['Austin','New York'])]

Out[4]: 1515
```