

```
In [1]: population={'Shanghai':17.8,'Istanbul':13.3,'Karachi':13.0,'Mumbai':12.5}
print(population)
```

```
{'Shanghai': 17.8, 'Istanbul': 13.3, 'Karachi': 13.0, 'Mumbai': 12.5}
```

```
In [9]: animals = {'dogs': [20, 10, 15, 8, 32, 15], 'cats': [3,4,2,8,2,4],
'rabbits': [2, 3, 4], 'fish': [0.3, 0.5, 0.8, 0.3, 1]}
```

```
In [5]: print(animals['dogs'])
```

```
[20, 10, 15, 8, 32, 15]
```

```
In [6]: print(animals['dogs'][3])
```

```
8
```

```
In [14]: print(animals['fish'][3])
```

```
0.3
```

```
In [12]: print(animals['fish'])
```

```
[0.3, 0.5, 0.8, 0.3, 1]
```

```
In [15]: a = [1, 2, 2, 3, 3, 3, 4, 4, 4, 4]
b = set(a)
print(len(a)-len(b))
```

```
6
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```
In [16]: tuple_a = 3, 4
tuple_b = (3, 4)
print(tuple_a==tuple_b)
print(tuple_a[1])
```

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True
```

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4
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```
In [17]: names = ["Carol", "Albert", "Ben", "Donna"]
print("&".join(sorted(names)))
```

```
Albert&Ben&Carol&Donna
```