

Python Programming | Basics | Collections

Step by Step

DICTIONARY

There are 4 Collection data types in Python

[List](#) | [Tuple](#) | [Set](#) | [Dictionary](#)

List	[]	ordered indexed changeable duplicates
Tuple	()	ordered indexed unchangeable duplicates
Set	{}	unordered unindexed no duplicates
Dictionary	{K:V}	unordered changeable indexed no duplicates

Code - Dictionary

```
my_dict = {
    "class" : "animal",
    "name" : "giraffe",
    "age" : 10
}

print(my_dict)
print(my_dict["name"])
print(my_dict.get("name"))
print(my_dict.values())

for x in my_dict:
    print(my_dict[x])

for x,y in my_dict.items():
    print(x, y)

my_dict["name"] = "elephant"
print(my_dict)

my_dict["color"] = "grey"
print(my_dict)

my_dict.pop("color")
print(my_dict)
my_dict.popitem()
print(my_dict)
```

```
del my_dict["class"]  
print(my_dict)
```

```
my_dict.clear()  
print(my_dict)
```

```
del my_dict
```