A way to index a set of objects ("values") by "keys" → also any type of object.

What are they?

Iterating over dict

All keys
my_dict.keys()
my_dict.iterkeys()
All values
my_dict.values()
my_dict.itervalues()
key, value Pairs
my_dict.items()
my_dict.iteritems()

Accessing

Python Dictionaries

my_dict[1]
returns 4
my_dict["hello"]
returns 3

Example

Modifying

Mapping
(key → value)

"hello" → 3
7.1 → "hi"
1 → 4

Python notation
my_dict =
{"hello":3, 7.1:"hi",
1:4}

my_dict[0.1]
= "hey"
adds in a new key and value
my_dict[1]=-6.
modifies existing entry
del my_dict[7.1]
deletes an entry