Modifying Dictionary

1. Adding/updating   d['key'] = value

2. Removing an item   del d['key']

3. Clearing full dict   d.clear()

Keys cannot be duplicate

4. Getting a Item   d.get('key')

Dictionary Methods

1. clear()
2. copy()
3. get()
4. Keys()
5. items()
6. values()
7. update()
8. pop()

Dictionary comprehension

$\{ \text{Key-expr} : \text{value-expr} \text{ for } \text{item in iterable if condition} \}$

Squared : $\{ x : x^{**}2 \text{ for } x \text{ in range}(5) \}$

We can also have nested dictionary.

JSON == dict

JSON is a very common data exchange format which can be represented as a python dictionary.