Dictionary and Dictionary comprehension

Dictionary

- Dictionaries are used to store data in key value pair.
- Elements in dictionary are ordered and can be changed therefore they are mutable, it does not allow duplicates.
- Dictionaries are created using { } or using dict command and elements are separated using comma (,).
- Values in dictionary can be of any data type.

Operator	Description	Syntax
clear()	Remove all the elements from the dictionary	dict.clear()
copy()	Returns a copy of the dictionary	dict.copy()
get()	Returns the value of specified key	dict.get(n)
items()	Returns a list containing a tuple for each key value pair	dict.items()
keys()	Returns a list containing dictionary's keys	dict.keys()
pop()	Remove the element with specified key	dict.pop(n)
popitem()	Removes the last inserted key-value pair	dict.popitem()
update()	Updates dictionary with specified key-value pairs	dict.update({n:Value})
values()	Returns a list of all the values of dictionary	dict.values()