



Dictionary Operations

Python

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Definition operations

`{}` Creates an empty dictionary

Mutable operations

`[]` Adds a new pair of key and value to the dictionary, in case that the key already exists, updates the value

`del` Removes an entry from a dictionary

`update` Combines the entries of two dictionaries

Immutable operations

`len` Returns the number of entries in a dictionary

`keys` Returns a view of all keys in a dictionary

`values` Returns all the values stored in a dictionary.

`items` Returns all the keys and their associated values as a sequence of tuples.

`in` Tests whether a key exists in a dictionary

`get` Returns the value of a key or a configurable default

`setdefault` Returns the value if the key is in dictionary; otherwise, sets the value for the key to the default and returns the value