

# Dictionary Methods Cheat Sheet

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### Definition

`x = {key1:value1, key2:value2}`

### Operations

- `len(dictionary)` - Returns the number of items in the dictionary
- `for key in dictionary` - Iterates over each key in the dictionary
- `for key, value in dictionary.items()` - Iterates over each key,value pair in the dictionary
- `if key in dictionary` - Checks whether the key is in the dictionary
- `dictionary[key]` - Accesses the item with key key of the dictionary
- `dictionary[key] = value` - Sets the value associated with key
- `del dictionary[key]` - Removes the item with key key from the dictionary

### Methods

- `dict.get(key, default)` - Returns the element corresponding to key, or default if it's not present
- `dict.keys()` - Returns a sequence containing the keys in the dictionary
- `dict.values()` - Returns a sequence containing the values in the dictionary
- `dict.update(other_dictionary)` - Updates the dictionary with the items coming from the other dictionary. Existing entries will be replaced; new entries will be added.
- `dict.clear()` - Removes all the items of the dictionary

Check out the [official documentation for dictionary operations and methods](https://www.coursera.org/learn/python-crash-course/supplement/Cc19J/dictionary-methods-cheat-sheet).