**PYTHON FUNDAMENTALS**

**Dictionary Methods Cheat Sheet**

**Syntax**

**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