Dictionary

1. Definition

* A type of built-in data structure in Python.
* Python dictionary is an unordered collection of items.
* Whereas others compound data types have a value as an element, a dictionary has a key-value pair.
* A key-value pair is a set of values associated with each other.
  + Key:
    - Each key is unique and connects to a value.
    - Key comes before value.
    - Used to access value associated with that key.
  + Value:
    - Can be access when key is known.
    - Can be duplicate among key-value pairs.
    - Value can be any type of object in python (int, float, list, dict, object, …)
* Can store limitless amount of data.