11 | Dictionaries.

- Dictionary are stored data value in [key : value] pairs.
- Dictionary is collection which is unordered, changeble, and does not allow Duplicates values.
- written with curly brackets, and key : value.
- using key : value dictionary make more optimized.
- Dictionary doesn't allow polymorphism.
- key can't duplicates and must be immutable.
- Note : Dictionary keys are case sensitive, same name but different cases of key will be treated distinctly.

· (i) Dictionary Items
- Dictionary Item are unordered, changeble, and does not allow duplicate
- presented in key-value pairs.

(ii) Unordered :
- Dictionary are unordered, that means does not have defined order

(iii) changeble
- Dictionary are changeble, that means we can change, add or remove item

(iv) Duplicate Not allowed.
- Dictionary cannot have two items with same key.

② Dictionary Methods:

Method	Description
(i) clear()	Remove all element from the dictionary.
(ii) copy()	Return a copy of dictionary.
(iii) fromkeys()	Return a dictionary with the specified key and value.
(iv) get()	Return a value of specified key.
(v) items()	Return list containing a tuple for each key value pair.
(vi) keys()	Return a list containing dictionary key's.
(vii) pop()	Remove element with specified key.
(viii) popitem()	Remove last inserted key-value pair.
(ix) setdefault()	Return a value of specified key.
(x) update()	update dictionary with specified key-value pair.
(xi) values().	Return a list of all the values in dictionary.