

Agenda

- ① Dictionary
- ② Create dict
- ③ Properties Dict
- ④ Iterating Over Dictionary
- ⑤ Sorting in Dictionary

Dictionary

Collection of all words and their meaning

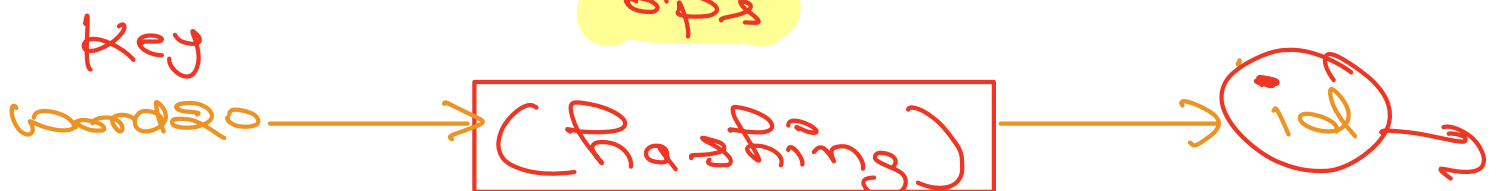
➤ Key : Value
word1 : meaning
word2 : meaning
word3 : meaning, meanings

Dictionary : Key-Value pair

* Keys cannot be duplicate

* We can search and find keys in single

ops



~~{201:"Nikhil", 202:"Pritesh", 203:"Udit"}~~ ^{Dictionary}
Set

It's very fast

Dict[key] = Value to be
inserted/updated

Iterating Over Dictionary

Method 1

- ① Loop over key and get-value using key

Method 2: Simultaneous

- ⇒ Unpack the output of .items()

* Note : Membership op on key is very fast (Single Op)

* For values Not so fast

* Question : What type of objects can be keys?

(Only Immutable)
(keys should hashable)

List

Set

Dictionary

