Hashtable :-

It is use in Spell checker means checking spelling and use to make Dectionaires, Compiler, Code editar.

Every language use hashtable by different name :-

Java → Hashmap

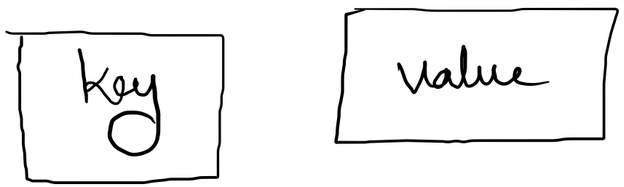
Javascript → Object

Python/C# → Dictionary

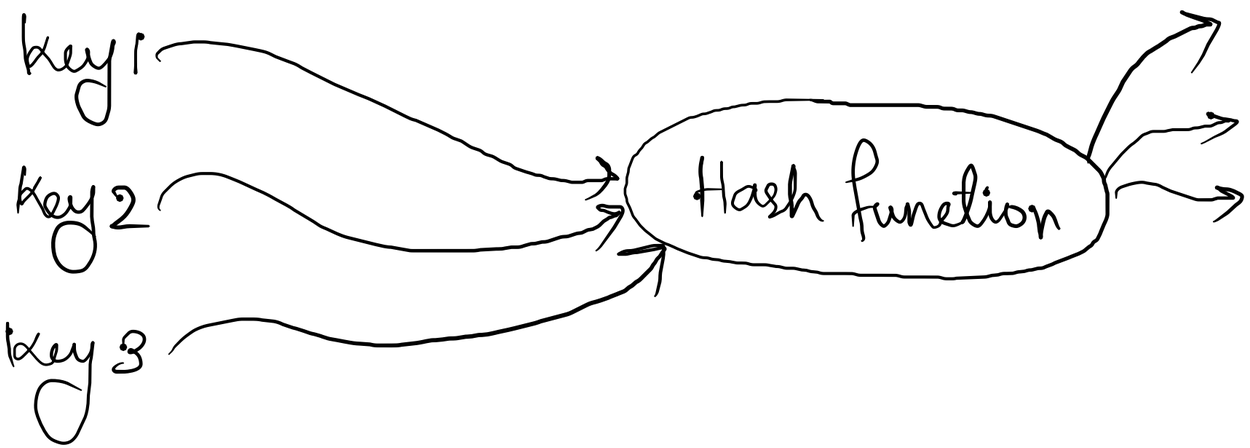
Hashtable associated with two items one is **key** and another one is **value**

key is a data and value is that data's unique index value.

Structure of Hashtable :-



Hashtable is (deterministic)



index	value
0	Value 1
1	Value 2
2	value 3
3	value 4

Hashtable use array data structure internally

Operation in Hashtable :-	
Insert	O(1)
Lookup	O(1)
Delete	O(1)

For same key value hashtable gives same value at all time