Agenda:

→ Dictionary   Operations

Lists
Tuples
Sets
Frozen Sets

Dictionary: → used to store data values
in Key -value pairs

→ Ordered, changable and | Unordered before Python 3.7
do not allow duplicates.

→ dictionary are written
in { } brackets.

$d = \{$ `A` : 1 , `B` : 2 `C` : 3 $\}$

print in same order

$d[0] =$ $d[1] =$ $d[2] =$

dictionary is
not indexed
by sequence.

A
B
C

string   int
$d = \{$ `1` : `A` , 1.0 : `B2` , True : `B` $\}$

Q1 dict [`1`] =   Q2 dict [1.0] =

Qi: `A`

1.0 ⟶ B̶ B

True : B

dict [1.0] = `B`
dict [`1`] = `A`

d = { `A` : 10 , `B`: 20 , `A` : 100 }

B	20
A	10̶ 100

1.0 : B̶Z̶

True : `B`

| 1, 1.0, True |

K [12, 20, 30, 100] ⟶ 1000

12, 20, 30, 100

[12, 20, 30] ⟶ 100

K:

don't support immutable
datatypes as Keys
in dictionaries

V:
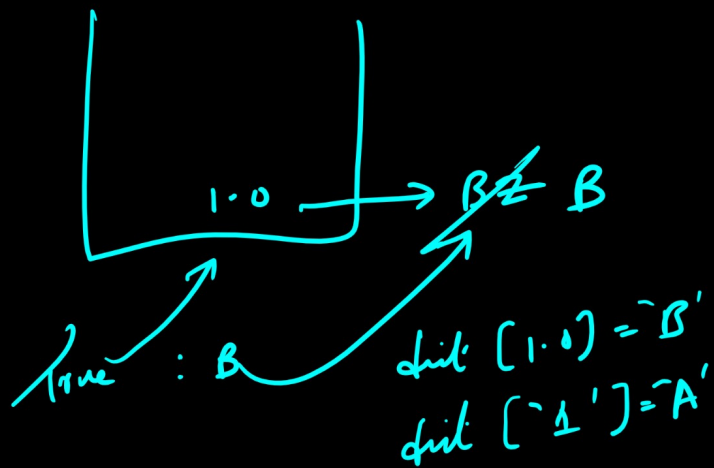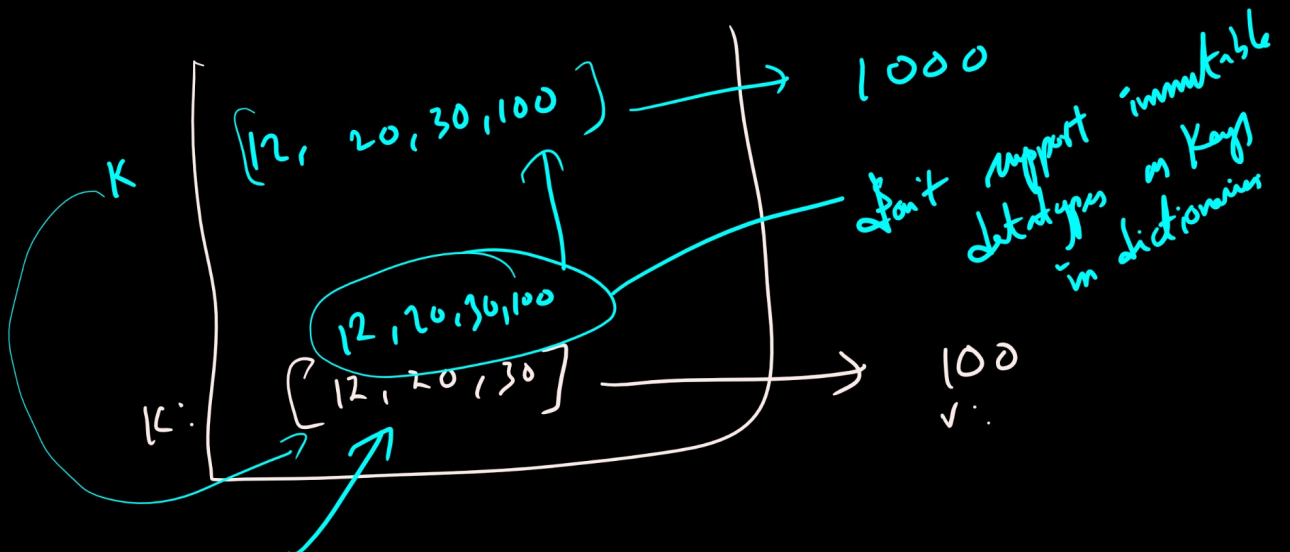
Dictionary

    → Keys : Cannot be list, set, dict

    → Values : any data type.

functions

↳ Monday?

[Problem Solving]

dict [0]

x.s