Topics for Today

DodeStoucture

& Tuple

\$ 5c+

Dictionary

D Strings

= list to String

30 mins

1 Stoing to Dist

1 Comproetensions

Questiona

D F. C. W

D Pattern Printing

List

Doodered, indexable

D Mutable

of Hetero greon

D D'de amic

Tuple

2) Same as list but immudable hence

D Tuples one Slightly Japter than list

Set

2) mutable

3.63 Ordered & Insertion Ordered
3.63 Orique Collection of Elements

Q=1
Raph > Same
b=1

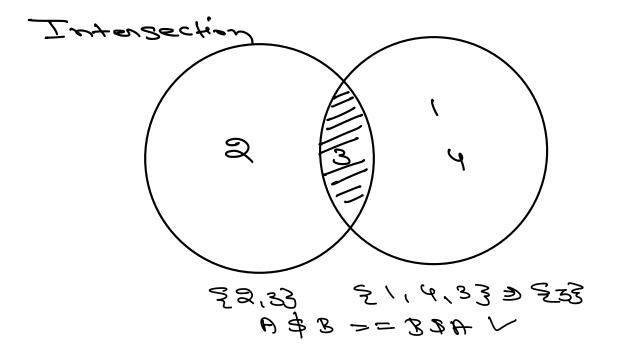
Can we creade a mosted Set?

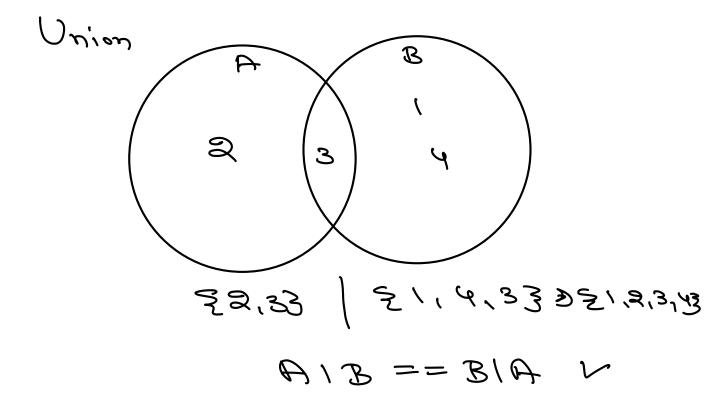
NO

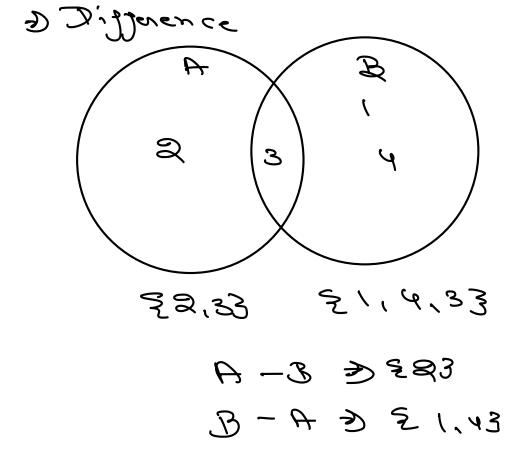
21, 2, 3, 43 X

21, 2, 23, 43 3 X

set > mutables







Symmetric Difference

A

B

1

2

3

4

EESE B ^ A

Dictionary

3 K, V pair

& mutable

D Insertion Ordered on key D Unique and immutable key

Can we create a Nestell Dict?

20:13 key as dict 2 20:13 : «Sachin 3 X

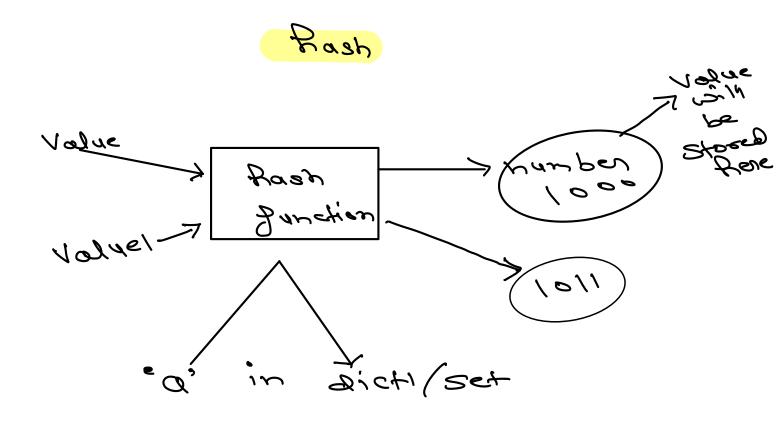
2°0°: El : Sachin 3 V Value an dictionary

5+

Touth Table

0.	Ь	08	a~d	Xae
G	0	0	0	0
١	0	\	0	1
0	ι	١ ١	Ø	\
ľ	١	\	1	0

Pito beginson fix



Distribution one not Rashable

[1,2,3] > Back > 1000

[1,2,3,4] > 1001

D Compiler

D Comptant Jolding

W Johnson

Expressions one evaluated et compile-time instead of Runtime.

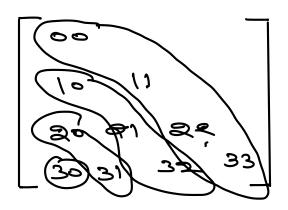
b= e a 3 + b 3

(1,2) + (3,). D b= (1,2,3)

(0 - will be executed

ND 5 D 2+ A+3+8+1 D(1/2)

[1, 2, 3, 4, 5, 6, 7, 8, 9, 15]



10 5 21 - 32