Python Advance Data Types and Data Structures

1. Lists in python
2. Tuples in python

Zomato ⟶ 1000 users

variable

user_1 = 7.5
user_2 = 8.5
user_3 = 9.5
⋮
user_10 = 10

list

users = [7.5, 8.5, 9.5 .... 1000]

Array vs Lists

Array

- Fixed size
- Homogeneous
- Speed on execution fast
- Less memory

int a[10] = {1, 2, 3, ... 10}

Str b[20] = {"Bunny ...

Lists

→ Dynamic size

→ Hetrogeneous

→ Speed of execution → Slow

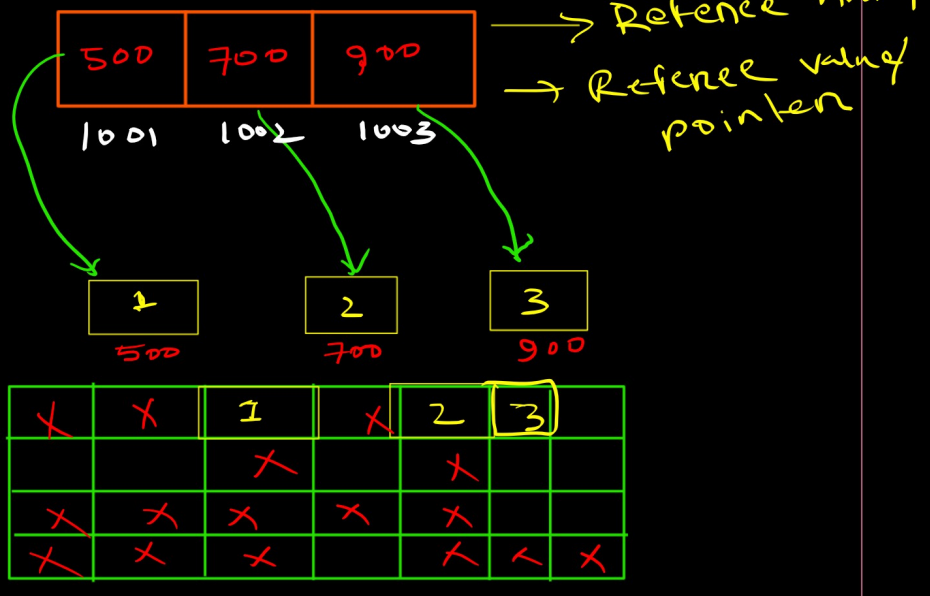
→ more memory

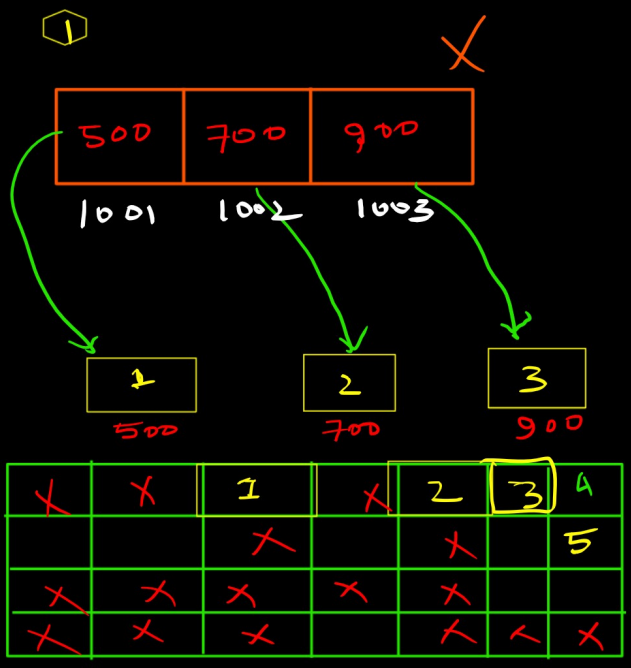
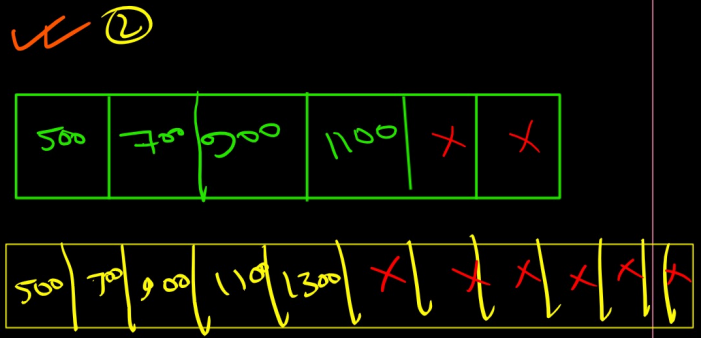
Array

int a[4] = { 0 1 2 3
1, 2, 3, 4 }

Lists

L = [1, 2, 3, 4, 5]





X	X	1	X	2	3	4
		X		X		5
X	X	X	X	X		
X	X	X		X	X	X