

Mukesh = make\_acc (1000000)  
initial\_deposit

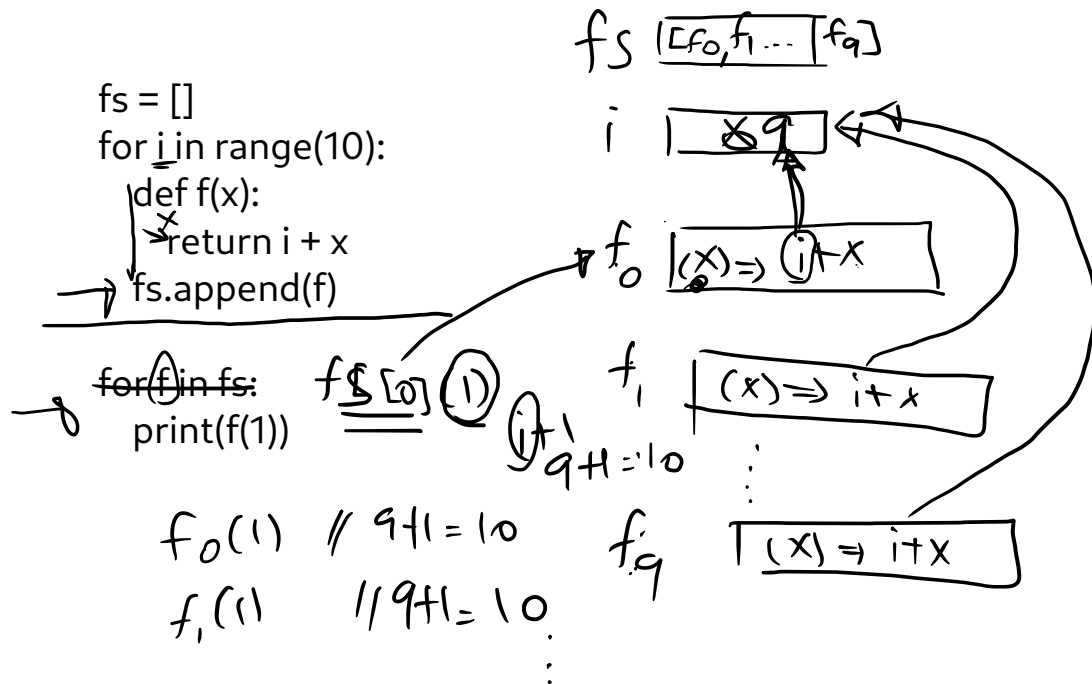
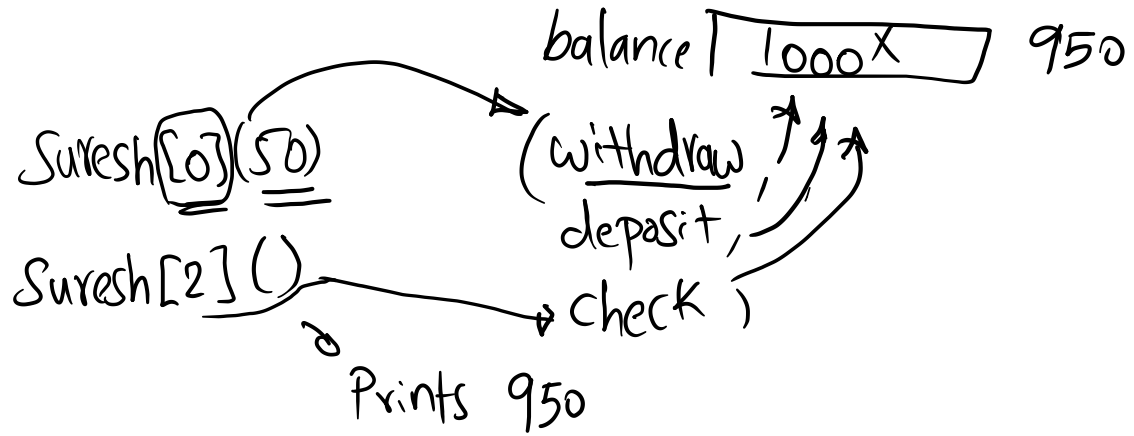
balance | 1000000X 9999000

(withdraw, deposit, check, ...)

mukesh[0](1000) →

mukesh[2] ( ) → prints 9999000

Suresh = make\_account(1000)



<u>Lists</u>	values
indices ↓	
0	23
1	42
2	29
3	35
⋮	⋮
⋮	⋮
⋮	⋮

## Dictionaries

<u>indices</u>	<u>values</u>
⋮	⋮
⋮	⋮
⋮	⋮

Math

Set builder notation

$$\{x^2 \mid 1 \leq x \leq 10, x \in \mathbb{N}\}$$

$$\{1, 4, 9, \dots\}$$

Python

List Comprehensions

`[i*i for i in range(1, 11)]`

`["  
[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]`