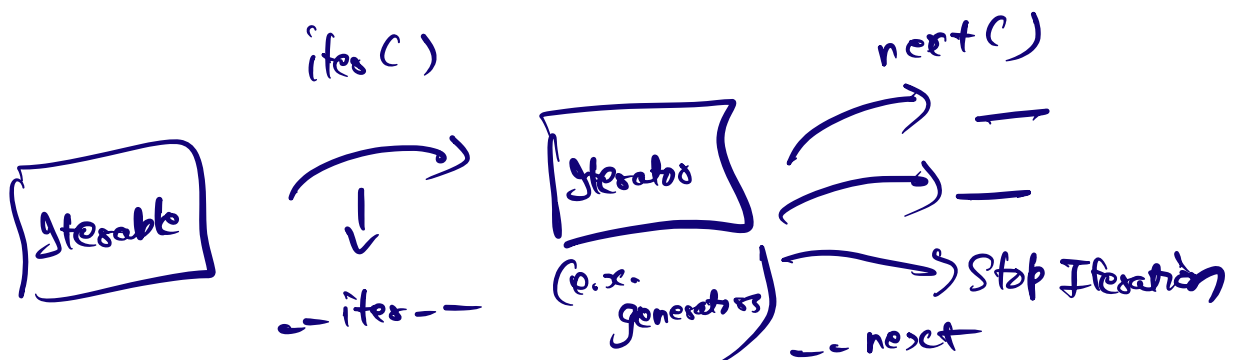
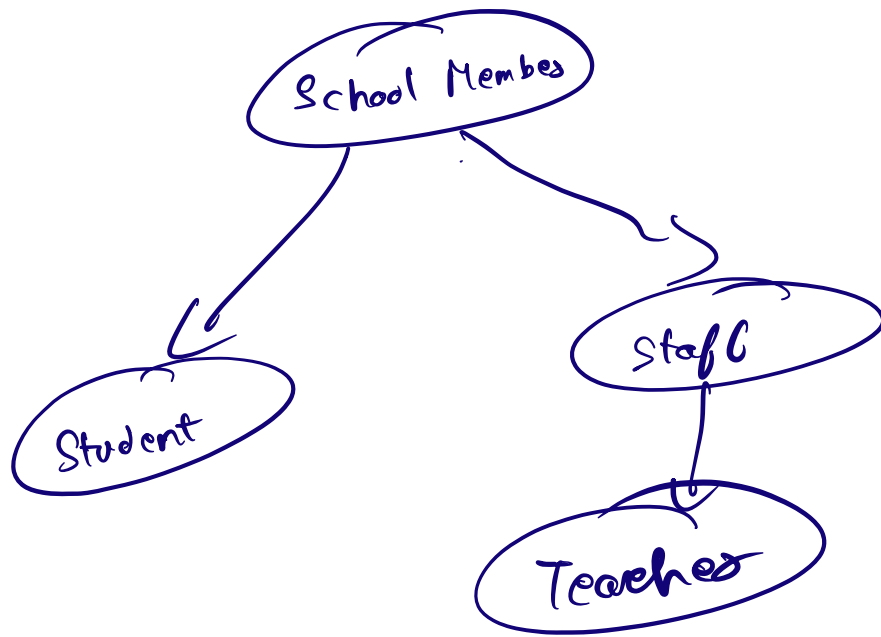


l2. bar = []

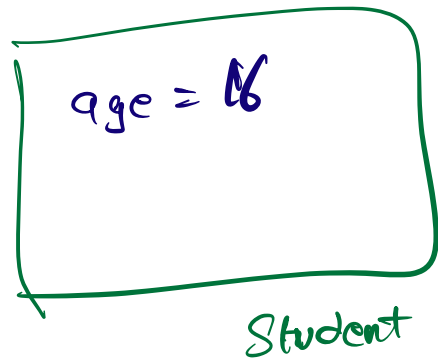
l2. bar.append()

Iteration Protocol





Class Student :
pass



Student.age = 16

"abcde"

3

9 ("bcde", 2)

('a', 'b', 'c', 'd', 'e')

"abcde" 3

Solve("bcde", 2)

a
a
a
a

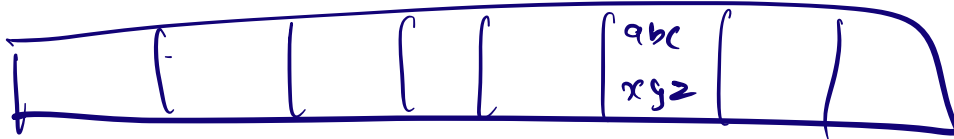
pages loading

lazy
loading

bcde, 2

Solve("cde", 1)

b
b
b

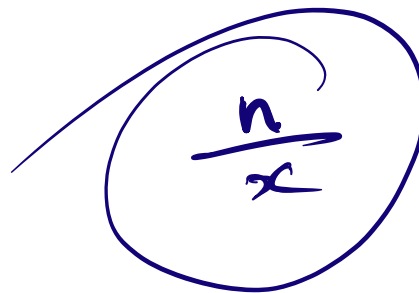


key: value

hash(key) =

35 : abc

135 : xyz



n = 100 200
x = 100

f(x) = x * 100

OOPs

⇒ Abstraction

⇒ Encapsulation

⇒ Inheritance

⇒ Polymorphism

⇒ Transactions

payee	payer	status	error
		INIT/SUCCESS/ PENDING/FAILURE	

2:00 pm	INIT
3:01 pm	PENDING
3:10 pm	PENDING
3:11 pm	SUCCESS

Audit - table

payee	payer	status	error	audit_time ↓
a	b	INIT		3:00 pm
a	b	PENDING		3:01 pm
a	b	SUCCESS		3:11 pm