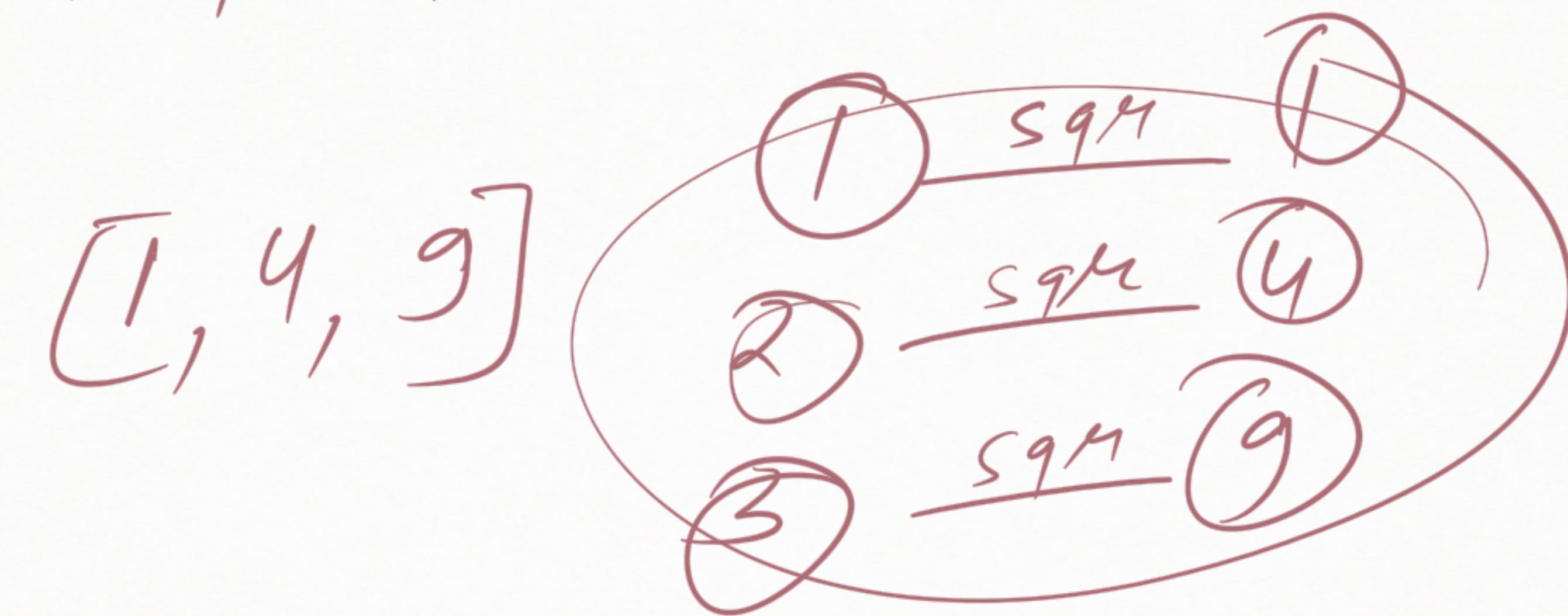


~~map (fun, iterable)~~

map (sq_A, [1, 2, 3])



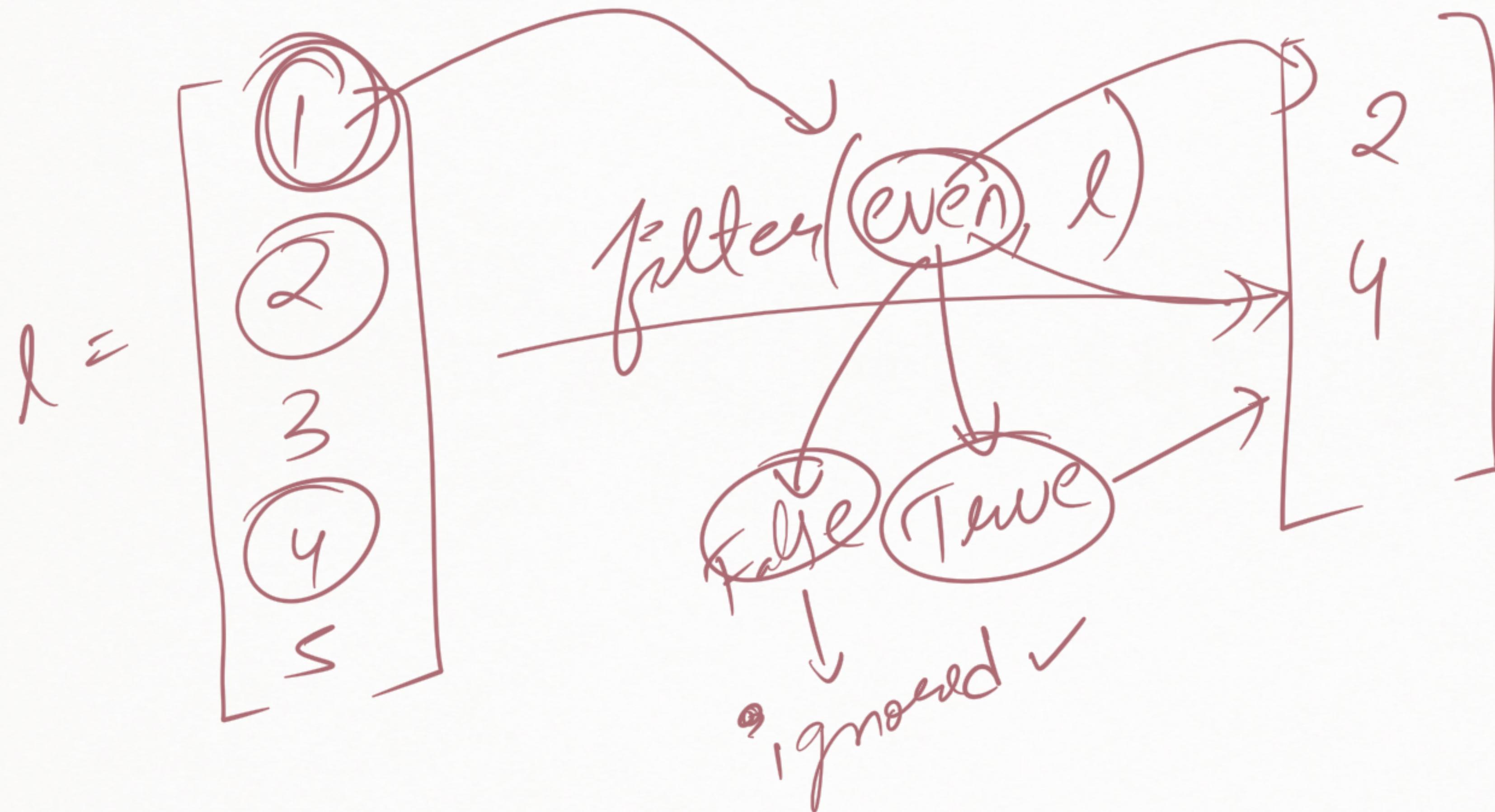
~~map (add, l1, l2, l3)~~



`bin()`?
all() & if everything
inside an iterable \Rightarrow True
is true
Converts
into binary representation.
Normal

Python
expression
inside
string
eval
Python
Code
 \equiv
any() \rightarrow True
even
one is true

Filter (fun , iterable) True / False
return



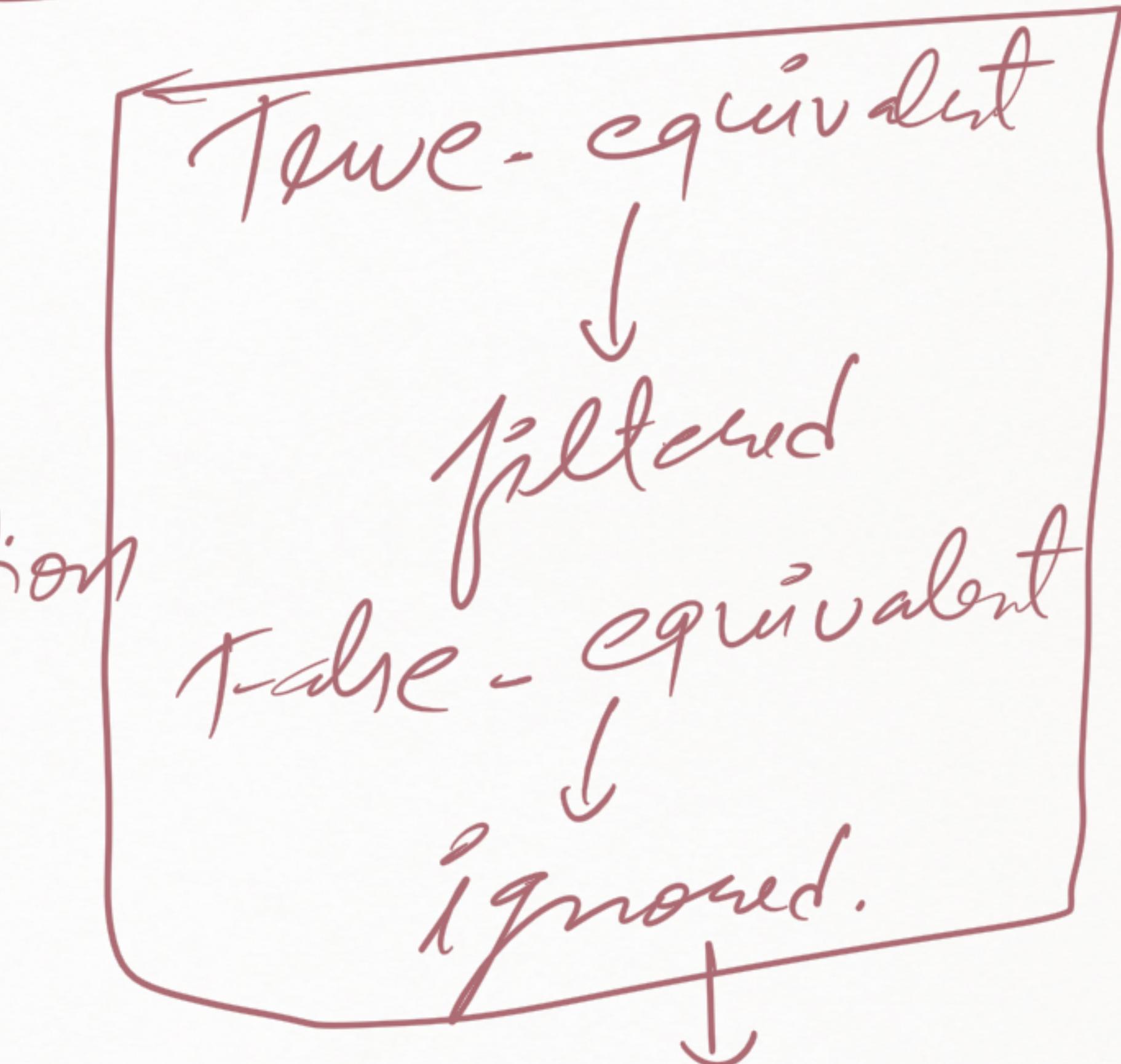
`filter(None, [1, 2, 3, 4, 0])`

None → `bool(y)`: true

`[1, 2, 3, 4]`

Identity function

`False` → `bool(y)`: false



Lambda

→ one liner fun

→ lambda a : a+5

→ They can have a name

like $x = \text{lambda } a : a+5$

→ But they are often used without
a name, like inside map()