Functional Programming Part 2

(1) Map

D Filter

Beduce

MONDAY

Siz (S)

5 + angs and ** kwangs

Optional

1) Applications of Decorator

D Jocuses on immutability

3 Dooks like mættematical

function

HOF

1) Function that accepts another Ponction of orderest of establish

function

Decorator Does Both

DReplacement of FOR LOOP

2) Takes an iterable and returns iten
- able of Same Size

3) Shighthy James

[1,2,3,4,5]

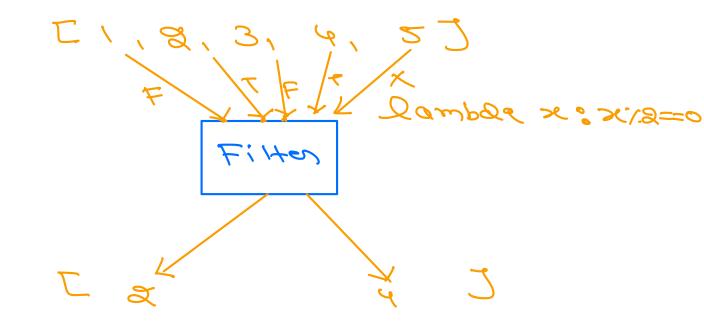
Eliando Cambda x: xxxx2

In 9 16 25

L (Law Book) D (W)

Filter

- D Takes Junction and itenable as
- DETURNED VORGE TOUCOE
- 3) Lega Han or equal to imput



Zip

D Zipa two or more iterables and
extorns iterable of Typles

The output iterable gize depends
on min-size of input

[(1,5), (2,6), (3,7)]

(4,6)

Reduce

3 Takes Panction and iterable

D Reduce (Dambda x, y: x+y)

3 Single Value (No generator)

