Functional Programming

Sib Elles Degra

1 Lambda Functions

Decorators

What is JP?

- dign where Jocur is to

View code as trathernatical

D'Focus on immufability

Davoids changing data implace

CState Change

Declarative style 9

Leode ausanel

y = f(x)

deg square (x): lambde x :x * 2 tuque output + Frongrous function we can store and call lambola functions later 9 = P(g(x))Highen Order Punction J A Lanction ofich sexusion another traction > accepts a function suscepse bus

another

Use Care: When use want to creade multiple Variations of any Junction dej gen-exp(n): def exp(x): estar son estran exb J-53 gen-exp(5) get exib (x): g-5 (10) -> 10*15 Sev-exb(3) (10) > Cm.

Sev-exb(3) (10)

Sev-exb(3) (10)

Sev-exb(3) (10) 7-2(10) 2 2xx 10 9-2(3) 0 2 ** 3

Decorataes

D Type of HOF that accepts
a ganction as well