Functional Programming: Deodeanning Lacagidu 1 which focuses on I what to do instead of Xob of aoH Mathematic Function [Pox > y] Louis of fraction Det Sdrave (SK): octuons 2 12 Jambda

F.P. Joaned

Dambda input: output

Lambda X: 2xx2

[Sambda X: 2x+10]

Higher Order Functions

3 A Junction that setuens

another Function.

def gen-exp(n): $e \ge def exp(x)$: $e \ge def exp(x)$: $e \ge def exp(x)$:

e (2) = 3 **5 e (3) = 3 **5

Examples: $C = 6 \Rightarrow gen - exp(6) \Leftrightarrow$ $C = 6(2) \Rightarrow g**6$ $C = 6(3) \Rightarrow g**6$

Higher Oredon Function Relps in creating new Functions on the go.