Chapter 1-Introduction  > Functional programming is a style built on method
of computation. Math functions
<del></del>
Sum [1. 10] > Summing the integers from 1 to 10
in Hoskell, very straight forward
f[] = []
f(x:xs) = f ys + f [x] + f = f
where $ys = [a] a \in xs$ , $a \leq xJ$ .
$y_s = L\alpha/\alpha$
$zs = [P/P \leftarrow xs, P > x]$
I was and some type (in square
brackets)
Examples:
$[1,2,3,4] \Rightarrow List of ints$
[.] -> . Empty
[1] [2] [3] > Singleton list
++ -> Operators to be performed on lists and appends
Concatenation for 111sts.
The second of the 2/3, 4, 5 decreases a second of
instead of
[1,2,3] ft [4,5] - C, respectively constraint of ist performs the same operation
Fx:
$E_{x}$ : 1: $[2,3,4] = [1,2,3,4]$

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					mpt ist	\frac{1}{2}	( ! · !!·	[ ] <del>?</del> [.	J. 4	i+ [ [1]	<u>1</u> ]	++ + <del>+</del> [	<del></del>	[2]	[3	+[	++	[4]	LH.	
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