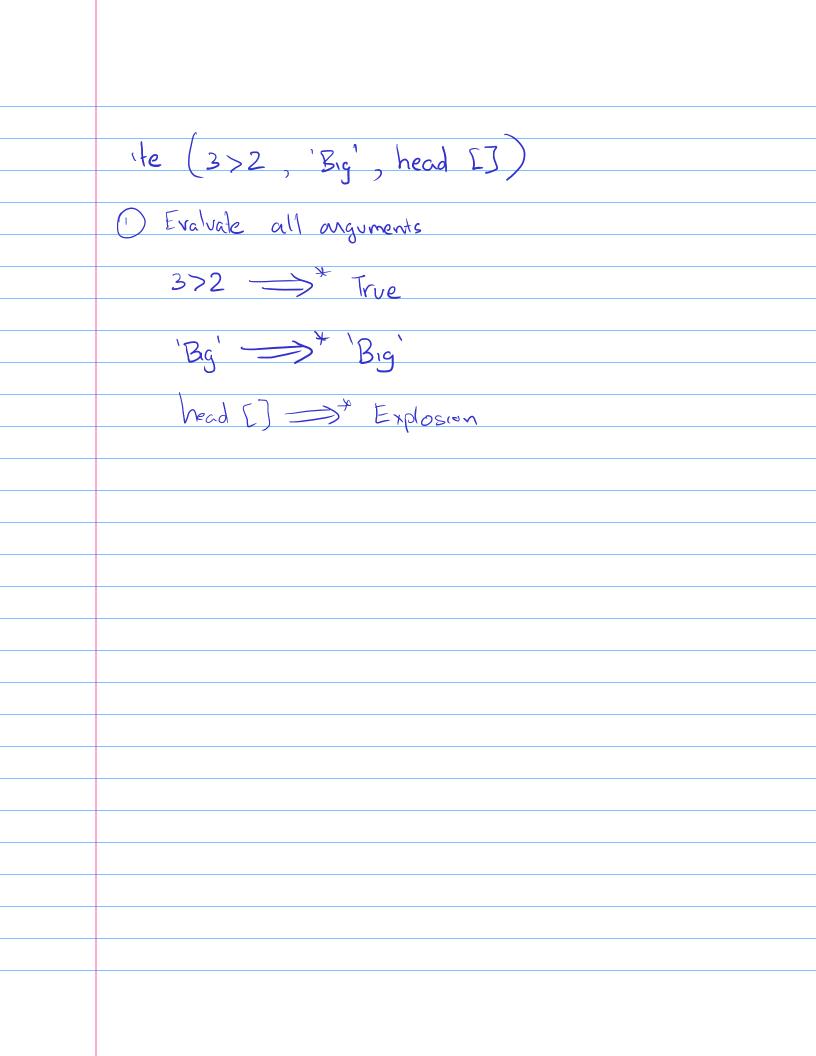
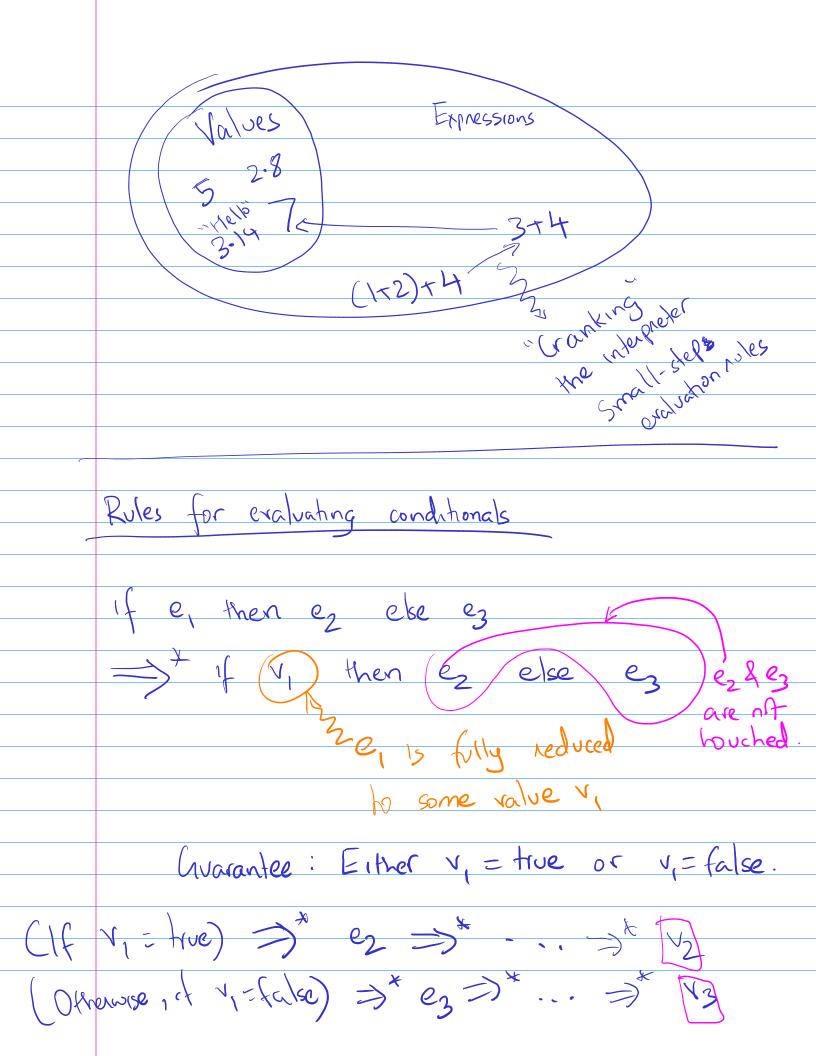
	Lecture 4	
	What function calls "mean" ( Python version)	)
	def ite (e, ez ez): return ez if e, e	lse ez
	He (3 > 2 'Big' 'S' + 'mall')	
	When you see a function call:	
	( ) Evaluate all the arguments	
	3>2 =>>> True	
	'Bg' = Bg'	
	'S+'mall' > "Small"	"Fagel
	2) Substitute the results into the for body	evaluation
•	If True then 'Big' else 'Small'	Cf.
	(3) Evaluate the grounded for body	evaluation
	'Big'.	_



1 the - At the top, a compilation unit 1s a sequence of definitions & expressions
let - types
modules 3+4 List hd [] let x = 3+4 let  $\{x = x + 1\}$ Expressions := Literals [Integers, floats, strings, lists, tuples, Vanables Conditionals (if then else) Function applications (List hd [123] 2+3 , 2-3 2\* 3,...) Let expressions let pi = 22.0 /. 7. in 2. \*. pi \*. 1.0 assentions ...



List length ([1,2,3]@[4,5;6]	
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How to crank function applications
fe => + f (V = Forly evaluate expression e.
Then, substitute v into the body of f.
Finish evaluating for body.
grounded