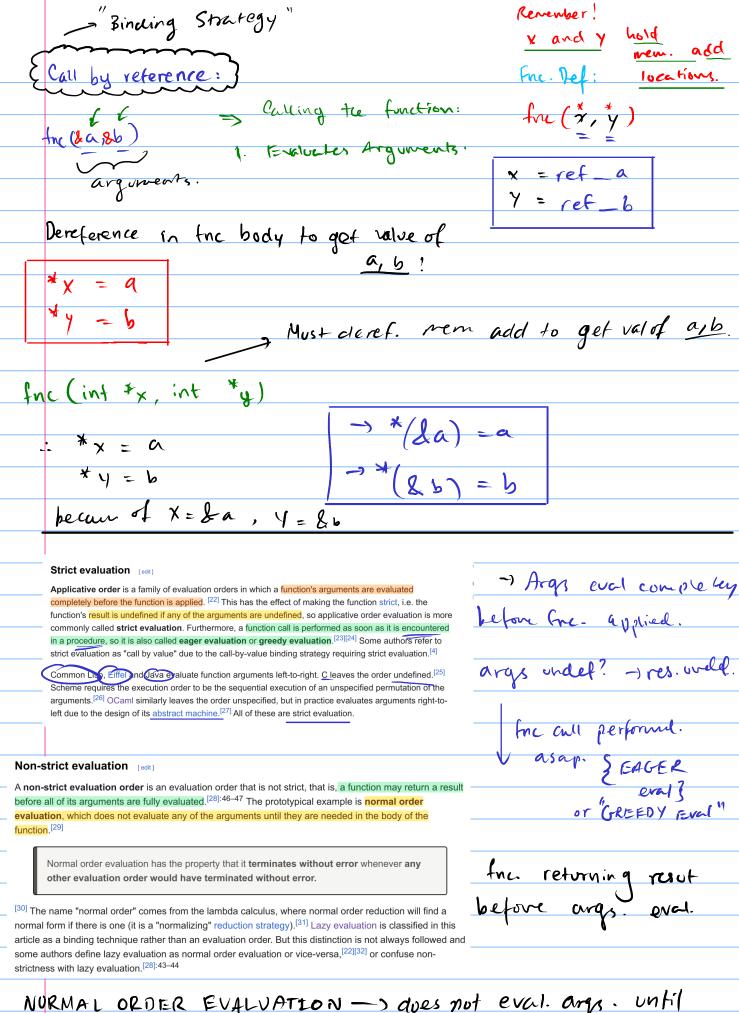
	e i k'i Chi lai i	2 ()	
	Evaluation Strategies: 1.	Birding Stalegy	_
	2.	Evaluation Order	
(·	Parameter - masing strategy.		
	Parameter - passing strategy. Strategy. Main() & Eag a = -> pass b = 9	rict Non-strict.	
<u> </u>	Main() 3	- 5 Okum aylek	_
tncl	x, y) \(\frac{7}{2} \)	red-into fre Lazy eval?)
	$a = - $ β β	ed-1110 = Lazy eval	
7	4		
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Evaluation	n Strategy: Set of rules for evaluati	na any expressions!	
	the second secon	rig original control of the control	_
→	0 -		_
I. CAY	the Kind of value -> passed into the func		_
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2. 15ind	ing Strategy figure out han to the type of variable is passed		_
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on wh	1 14 pc of variable 17 passes		
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3. Ev	duation Order:		
G.V.	him ander desides here he can ess the	e consumerals passed in a	
. 1 41.	tion order decides how to process the ever accept them at all! If accept		<u></u>
white	to ever accept them at all! It accept	ed -> then in what order?	_
			_
	Evaluation strategy	文 13 languages ∨	
	Article Talk	Read Edit Viewhistory Tools ✓	
	From Wikipedia, the free encyclopedia		
	In a programming language, an evaluation strategy is a set of rules for evaluating expressions. ^[1] The term is often used to refer to the more specific notion of a parameter-passing strategy ^[2] that defines the kind of	Evaluation strategies	_
	value that is passed to the function for each parameter (the binding strategy) ^[3] and whether to evaluate the parameters of a function call, and if so in what order (the evaluation order). ^[4] The notion of	Lazy evaluation Partial evaluation Remote evaluation	
	reduction strategy is distinct; [5] although some authors conflate the two terms and the definition of each term	Short-circuit evaluation	
	is not widely agreed upon. ^[6]	V•T•E	-
	To illustrate, executing a function call f(a,b) may first evaluate the arguments a and b, store the results in references or memory locations ref_a and ref_b, then evaluate the function's		_
	body with those references passed in. This gives the function the ability to look up the original argument values passed in through dereferencing the parameters (some languages use specific		
	operators to perform this), to modify them via assignment as if they were local variables, and to		
	return values via the references. This is the call-by-reference evaluation strategy. ^[7]		_
	Evaluation strategy is part of the semantics of the programming language definition. Some languages, such as evaluation strategies. Some declarative languages, such as Datalog, support multiple evaluation strategies. Sor		



NURMAL ORDER EVALVATION -) dues not eval. args. until

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<u>a</u>	$==2 \qquad 012 \qquad b==3$ $= 3$	
	ove me	
	All conditions are boolean expressions, but not all boolean expressions are conditions. There's not much rethis.	more to
	Boolean expressions in many languages use a form of non-strict evaluation called short-circuit where	t evaluation,
	evaluation evaluates the left expression but may skip the right expression if the resucan be determined—for example, in a disjunctive expression (OR) where true is encountered	ult
	F001	
	, or in a conjunctive expression (AND) where false is encountered, and so forth. ^[32] Conditi expressions similarly use non-strict evaluation - only one of the branches is evaluated.	
	expressions similarly use non-strict evaluation - only one of the branches is evaluated.	28]
C6n		ion:
Comparis With an in	expressions similarly use non-strict evaluation - only one of the branches is evaluated. -paning -> non - Strict VS. Strict evaluated applicative ore	ron: ler { No exp.
Comparise With an incontr Normal order to the call sta	expressions similarly use non-strict evaluation - only one of the branches is evaluated. Paring -> non - Strict VS. Strict evaluated applicative ore on of applicative order and normal order evaluation [edit] normal order evaluation, expressions containing an expensive computation, an error, or finite loop will be ignored if not needed, [4] allowing the specification of user-defined	ion:
Comparise With an incontr Normal order to the call sta	expressions similarly use non-strict evaluation - only one of the branches is evaluated. Paring -> non - Strict VS. Strict evaluation Expricative order on of applicative order and normal order evaluation [edit] normal order evaluation, expressions containing an expensive computation, an error, or finite loop will be ignored if not needed, [4] allowing the specification of user-defined rol flow constructs, a facility not available with applicative order evaluation. r evaluation uses complex structures such as thunks for unevaluated expressions, compared ack used in applicative order evaluation. [33] Normal order evaluation has historically had a lack	ron: ler { No exp.