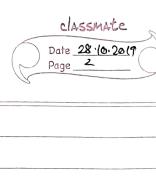


1	COAP that take	es an executable tree and perform
	the excution,	
	l _e	
	label: St	
	I Tgoto	Fgoto
	6	0000
	lines	00
	FUNCTION	x - y = z - envi
		a-b- (ab) xyz
	n→exec	r Slack
	(all stack)	
	estack	renew.
	e	r leibels
		rfomap
		hg2map.
		rfx map.
	get set	•
	watch () wan	able, step () Steporer() break poi
	watch c)	able, step () Stepover() break poi
	Sea-	vars:
		V J X



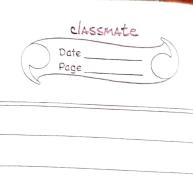
what is a program? a set of functions. (map). map (string Function > program what is a function.? and also shared (set) a set of steps vector (Step) variables. what is execution context? Stepinto program, Step Over Stack address ster Continue () environment. exec(1. break points. add bran. watches. label confile nois 10 mar point Step, line line Step 2 int labil >> line . , (step step 3 conditione.



while loop X tree Step Ast fields. I to Step TGOTO FGOTO PCALL Step) im:) Hiple types, PRETVO GOTO Grosub is different in GOSUB Syntax CAST) - label RETURN LET PLET and different in Step CALLO (Step). CALLI CALL 2 Did -> id Il alle Il allo. (goto lasel) while c'lo > gotof #1 Print x printi gotof is 10 # 1 #2 print x Wena print y lausal: goto #2



	STAGLES		
0	flex (scannor) types.		
(<u>2</u>)	bison (parser) id can include !!		
3	AST & mast)		
(9)	AST code (mast. pp)		
3	AST transformations		
	- given a set of functions convert Ds to functions calls. AST program block.		
	-transform alls to cally /callp. -transform AST to cally.		
	-transform INPUT, PRINT, LET		
	- transform LOOPS to cyotos.		
	- transform select case to agotos		
	- transform program to steps		



- labels to step

- function to step

- prun program.

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