F	- u	h,	راز	ιον	^ S		(. Ev	\wedge	(1	۲۰,																	
_	_	_					-					,																	
			•	1						n																			
1)	١,~	[:]	by	^	į	6		4	ar	C	F.	رسرا		4	'ou	ve m	J	ړو	e٢		'n						
+		M	·at	\propto			۸((l		١	1(/	0	G		71	fial	L	~a_	۷	-(N ¹		/_	4۸	O) a	,				
			\			- 10	^)_)					•			W')	44						74	۲	ኃ				
			りく	Fa	روا	^		Se	.tS	,																			
										^													7						
			E	- x(imp	c	,			午	; [R	-	>	R			-	子((x)) :	=	X	4.		•			
															_	J									د				
1			N,	<i>ه</i> د	Ì	^	۷.	+ 4	•																				
							1	val.			L	(1.	1.	P	1	•	1,	"	00	val-	الم		o '.	,				
								JULY), e		,		0.0	000		J	/	,		Γ,	0 0	,,	yμ	C					
							J٥	a l	۱,	e.	4	(LAC	الم	lo	>	$\langle \rangle$		4										
																			L										
+									C	ላ _ሪ	ηb	le	\	/ ;	<u></u>														
										y	=		χ.	\ \	ζ.	- -	١;												
1										ر	40	1 / 1	۸	(J		//	' Ch	.UC		, -		[~	1						
+						`				`			1	γ,	_	17	D .	.ys		1 -	- 1	r.^	، (٠						
				51	wl	W	~ `i	4.	6	/ د	1	λì	f.	de	^LI	^ (९५	>	6			M	1.6	~					
	4																	>			f	-ar	ν,	?ov	5				
					_						-												_						
1			يد	مع	٨	المير	_		٥.	. (t.	3N	(10	A 1.					اس.د.	۱		_\		11	٦ ا	7	0!	
	\dashv		-	•	7		V\		4	W/	() .		0	V		١.،	V	1 '	1	exr	Y 7	A N	W	\		7	W,	C	•
					'	~	y	OV.	٧.		′ 5	وا	۲.		(.00	(T)	91	0	٠						1				les
					M	w	?v{	^	C	44	•		 a	n C	; fi	۸0	S		W	se		e)	1	2 C V	w		VQI	rial	167
					a	J_{λ}		4	h	4	ů	\ (K	di	n	,	54	lσ	d			60	at	-	C	in	.).
								1	٨			ل		-	[]		ſ	>			N /	J	1:1	1.	ſ	1,	6		
				_[71	<i>(11</i> / 1	W,		Q.1			A		9	ow	ct	10/	17		(II)	۲.	7	- √\	ני		
								<u>b</u>		۱	A	ام	1	×	Í	>				_)	W	00	لما	X	R)		
							(J	•	V) ()	<i>,</i> (Q	()	1)	\							υι	(0)	- `	d.	•		
				Λ	<i>"</i>			\									0 1			n									
				1'	N	Ou	turi	7/1	ያር	W	ay				lΛ	(Ĺ-f	-cl-	1	4	4	d	1-70	~2		C	ın		
													h	W	Q		Si	Je	2 -	6	69	ei	4 5	5					
																		(sa	(44	\								
	١	A	t	اد.	1/5	w	4	1,		C	D M	Du	<i>†</i> ;	1		لے	-1	رن (بر	V	(2)	ر و	•	¥	. 0	16	\sim			

may produce didferent results!! Many functions you use in calc (but not all) (or "rules") have short descriptions " that lot you affectively comple them. E.g. $f(x) = x^2 + 1$. Note: Not all functions can have short descriptions. Sny A,B one sets w/ 14/ <00, 18/ <00. How many functions are there from A > B? $|\{+:A\rightarrow B\}\rangle = |B|^{14}$ if(x == 0) return _ if (x == 1) retarn 63 63 63 EB. Even for f: {0,13 => {0,1}, We have many choices: # f's = 2

Exercise: prove that 3 fanctions f: A 7/0,13 that require size IAI to write down.

Scope; where do variable runes

make sense?

Global; e.s. (out can be used

anywhere.

Local: variables declared in a

function (or even a for loop)

are only visible in that function.

int x; // slobal

int x; // slobal

int X', // slobal

int Z',

int Z',

// y, Z only

// nule seese between the braces

for (int i = 0);

// Scope ob i.

Reference us value parameters

Next time... See Prof. Lis notes.