## The Design Recipe

**Directions:** Write a function split-tab that takes in a cost and the number of people sharing the bill and splits the cost equally.

Con	tract and Purpo	se Sta	atement												
Every	contract has three par	ts													
#	split-tab::			N	umbe	er,	Nu	mbe	r				·>	Number	_
	function name					dom								range	
# Tak	es in a cost and	dan	number of p	people and	divi	des	the	cos	t b	y the	e number of	people,	retu	rning the	
val															_
Exa	mples				what o	does th	e funci	tion do?							
	some examples, then o	circle a	nd label what c	hanges											
exam	ples:														
	split-tab	(		LO )	is	20	0 /	/ 1	0						_
	function name	,	input(s)	- \	_		^	, -			what the function	produces			
	split-tab	(	500,	5 )	is	50	υ /	/ 5			1 . 1 . 2	,			_
end	function name		input(s)								what the function	produces			
Def	ınition														
	the definition, giving v	ariahla	names to all w	our input valu	o c										
fun			ost, peop												
	function name		variable(s)												
cc	st / people														
	· · ·			what the	function	ı does	with th	ose var	iable	(s)					
end															
	tract and Purpo			e that take	s in a	nur	nbei	r and	re	turns	the cube of th	nat numl	oer.		
Every	contract has three par	ts													
#	num-cube::		Number ->							·>	Number	_			
	function name					dom	ain							range	
# Tak	es in a number,	cube	es it and re	turns that											_
					what o	does th	e funci	tion do?							
	mples														
Write	some examples, then o	circle a	nd label what c	hanges											
		en ere ai	na label what c												
	ples:														
	num-cube		1	)	is	1	*	(1	*	1)					_
	num-cube  function name	(	1 input(s)	)				•			what the function	produces			_
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end