Practice QUESTions

<u>BYOB</u>

1) List indexing

a) Get (or iterate over) every row in a list

b) Get a specific element (say, letter) in a row of a list (of, say, words) (i.e. get item [X] of row [Y] of [LIST])

2) Repeat Until vs. Repeat

What's wrong with this?

How would you fix it?

3) Joining / appending / concatenating letters/words (vs adding)

a) Generate a string of [NUM] characters of the [LETTER]

4) Modifying a list while its length is changing

a) Remove a certain duplicate item from a list:

set [LIST] to [1, 1, 2, 2, 3, 3, 3, 4, 4, 4, 5] set [INDEX] to 1 set [NUMTOREMOVE] to 3 repeat [length of [LIST]] if [item [INDEX] of [LIST] = [NUMTOREMOVE] remove item [INDEX] of [LIST] change [INDEX] by [1]

Does this work?

If it doesn't work, how would you fix it?

5) Problems that implicitly deal with the scope of variables

Variables: X and Y

modify	[X] block	
	script variat	ole [Y]
	set [Y] to 2	2
	change [X]] by [1]
	change [Y]] by [1]
	say [X]	(a)
	say[Y]	(b)
set [X] to [1]		
set [Y] to [1]		
modify [X] block		
say [X	(c)	
say [Y	[] (d)	

What would (a), (b), (c), and (d) make the sprite say?

a: b: c: d: