Merge Sort.

In: Unsorted ArrayList of ints.
Return: Sorted ArrayList of ints

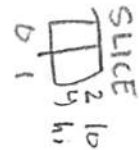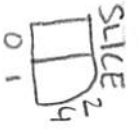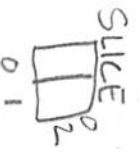Lo = 0
hi = 4

SLICE
SLICE²
SLICE²
SLICE
SLICE
SLICE²
SLICE²

Lo = 4
hi = 7

Lo
hi

MERGE
MERGE
MERGE
MERGE
MERGE
MERGE
MERGE
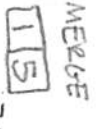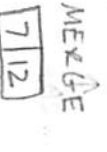
7 < 1 hold 1
Move pointer
7 < 5 no → hold 5
move pointer
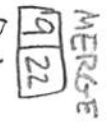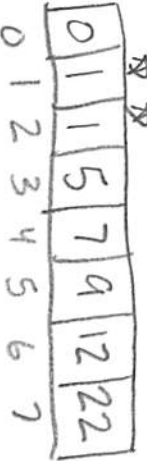pointer > length → add 7
move pointer
add 12

merge is done in Scratch 1928.

How are inputs/outputs for merge, slice determined and organized?

I need something that uses alive to generate all the atomic arrays.

Then I need something to feed them 2 at a time to merge.

if size > 1 then
   Slice (0, size/2)
   ⋮
(How will I name and organize n arraylists?)