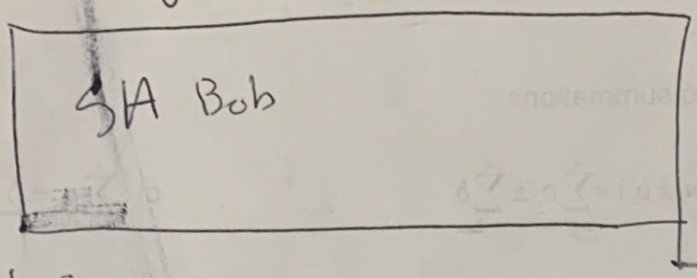
Foo Bert



Team Cute Cyclops Cult

Reviewed by: 3 Lucky Duckies
Ziying Jian, Ghona Lee
Nora Miller

discontinue: Add at index

(new) methods:
- Initial sort (take in unsorted list put out sorted list)
- Add sort (take in num + auto sorts it)
- Remove (remove num at index)

} SA or foo methods?

InitSort:
Iterate thru & find num that is less than its predecessor then it goes backwards shifting everything to the right until the next element is less than the num

AddSort: Add to end of array, then use sort method.

Remove: Move everything right of index left one, update size

These methods seem redudant: why not have one big sort method & invoke add() turn SA?

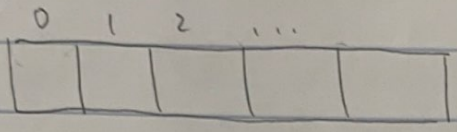
End User Can:
Initially input a list of nums ie {5, 7, 1, 0, 12, -5}
Add a num that gets automatically sorted
Remove a num at a specified index

Cute Cyclops Cult
Faiza, Hubert, Tasnim, Mary, Tom
APCS
HW46: Wrap the Wrapper
2021-12-09
time spent: 0.5

Team CoteCyclopsCo1t

es

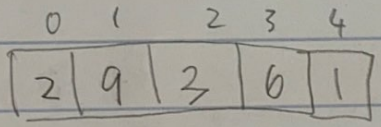
✯ Algo for ascending array (INTSORT)



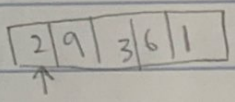
0. Start with the element of index 0.
1. move this element to the left until the ~~an~~ element to its left is ~~greater~~ smaller than this element, or until you reach index 0.
2. Repeat step 1 for index 1, 2 and so on until you go through all elements.

Good algorithm!

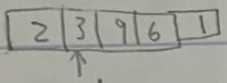
EX



Index 1: $2<9$, so you are done.

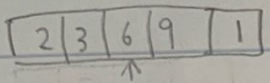


Index 2: $9>3$, so



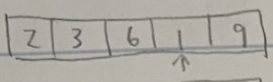
$2<3$, you are done.

Index 3: $9>6$, so

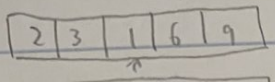


$3<6$, you are done.

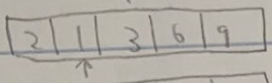
Index 4: $9>1$



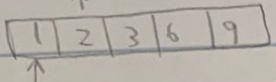
$6>1$



$3>1$



$2>1$



Reached index 0. You are done.

Went through all elements. Final result: