

Team We Forgot

Class Foo is a wrapper for class SuperArray

- Starts with the creation of SuperArray _data
- Add must make sure that all the elements are in the right order

Add(int input)

- Runs a for loop that iterates through _data
- When the input is greater than the element at _data[index], we know that the input must be in front of that element
- When the input is less than the element at _data[index + 1], we know that the input must be behind that element
- [1,2,3,4,6] adding 5, we know that it must be right after 4 because 4<5<6
- while($x > \text{data}[\text{index}]$){ $\text{index}++$ }
-

Index
↓
 $x > \text{data}[\text{index}] \rightarrow \text{index}++$

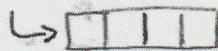
Remove(int index)

- Should be fine if all elements are ordered correctly

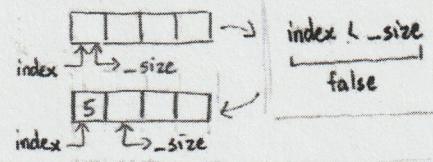
→ does it rely on
the correct order
will fix order
after effect

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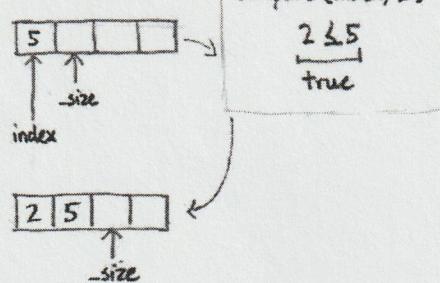
-data



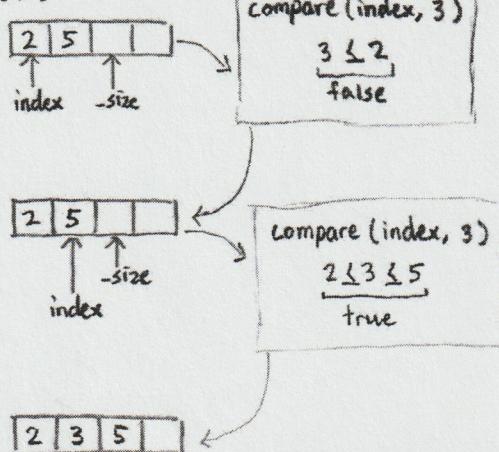
add(5)



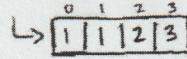
add(2)



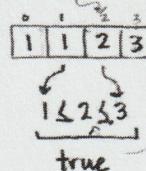
add(3)



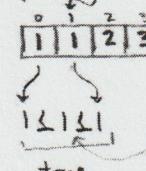
-data



compare(2, 2)



compare(1, 1)

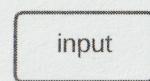


Solid
Diagrams

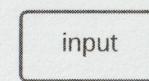
Instance Variables



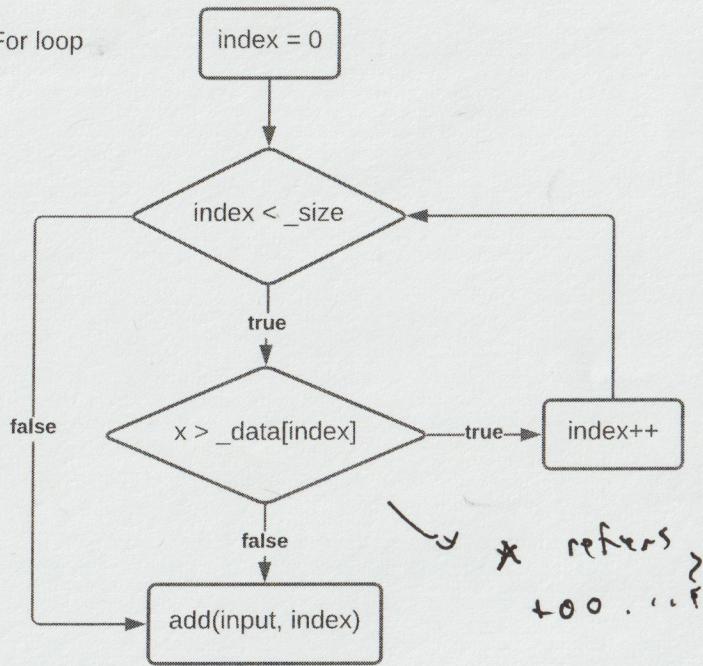
Add(int input)



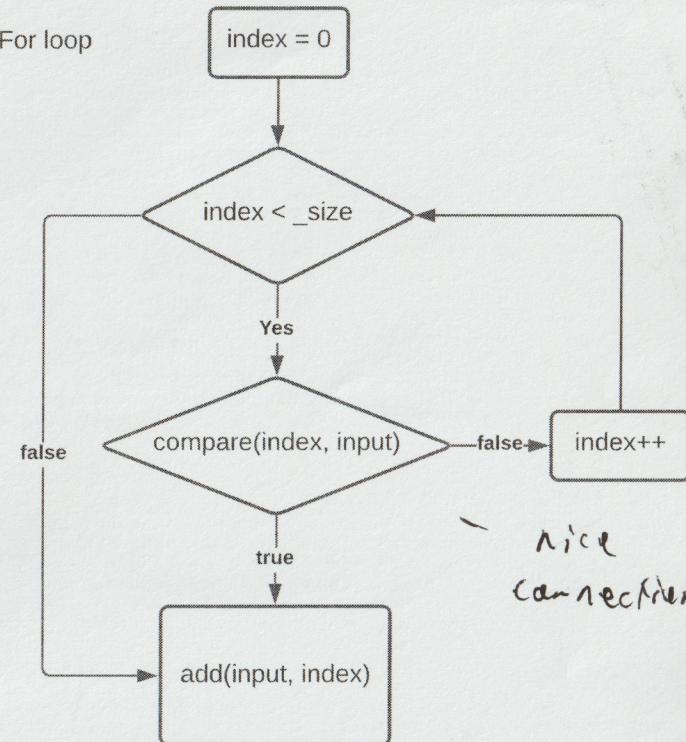
Add(int input)



For loop



For loop



compare(int index, int input)

