

PBN - Prattay Dey + Winnie, Brian Li + Robert, Nafiz Labib + Martha

APCS pd6

HW46 - Wrapper Design

2021-12-10

time spent: 0.8 hours

Reviewed by
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Foo foo ↴

SA array ↴



```
+ void sort()
+ boolean add(int newVal)
+ boolean add(int index, int newVal)
+ int remove(int index)
+ boolean set(int index, int newVal)
✓ + void swap(int index1, int index2)
```

sort() algorithm: pseudocode

```
for (int i = 0; i < array._size; i++) {
    for (int nestedI = 0; i < array._size; nestedI++) {
        if (array[0] > array[array._size - 1]) {
            swap(0, array._size - 1);
        }
        if (nestedI + 1 < array._size && array[nestedI] > array[nestedI + 1]) {
            swap(nestedI, nestedI + 1);
        }
    }
}
```

/ Learn C++ and Arrays
 obert, Nafiz Labib + Martha
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