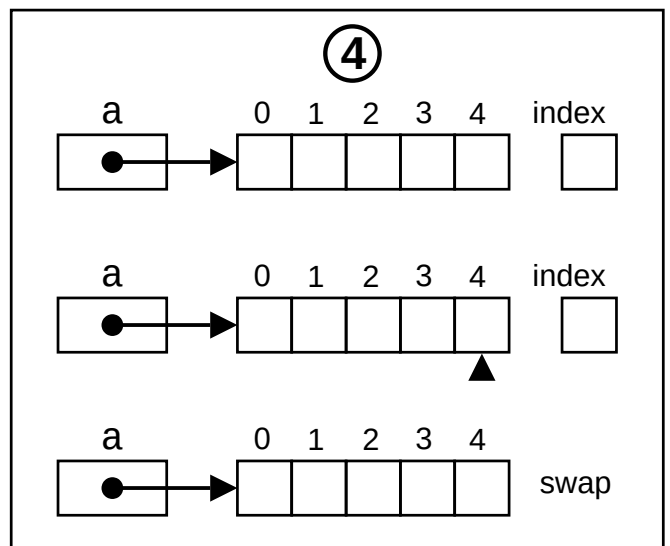
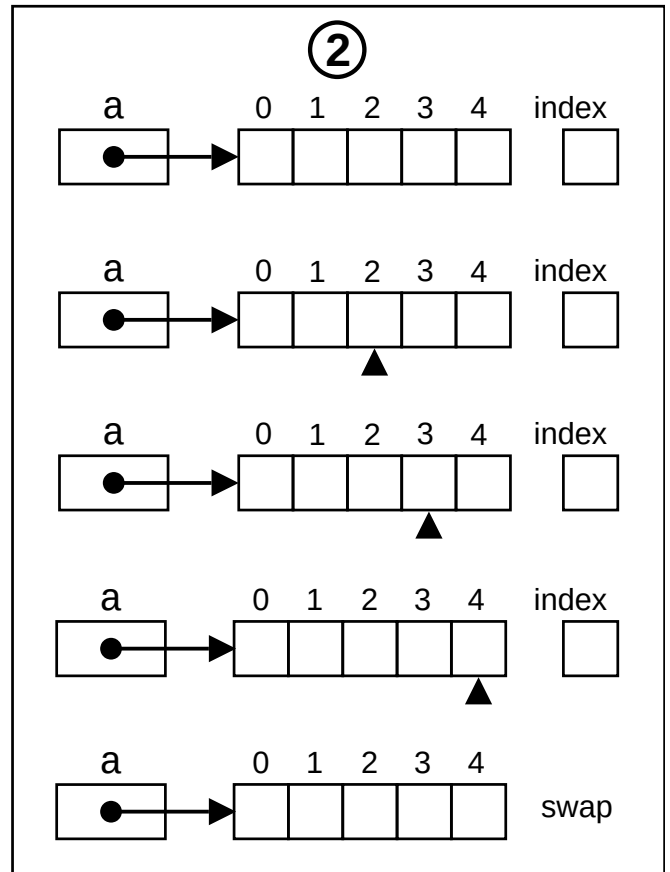


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1. Using the selection sort algorithm, complete the diagram below.



Worksheet – Selection Sort 1 (Coding)

2. Once you have implemented, tested and debugged the `selectionSort` method, write the code by hand into the appropriate space below.

```
/** method swap
 * Swaps elements i and j of array a
 * Precondition: indices are not out of bounds
 * @param a the array
 * @param i the first of two elements to swap
 * @param j the second of two elements to swap
 */
```

```
/** method selectionSort
 * Use the selection sort algorithm to sort the array
 * @param a the array to sort
 */
```