Selection Sort

The Selection Sort Algorithm below sorts an array of integers into ascending order as follows:

- 1. Loop from j = 0 to j = elements.length-2, inclusive, completing elements.length-1 passes.
- 2. In each pass, swap the item at index j with the minimum item in the rest of the array (elements[j+1] through elements[elements.length-1]).

At the end of each pass, items in elements[0] through elements[j] are in ascending order and each item in this sorted portion is at its final position in the array