

SELECTION SORT

Select the minimum element from the unsorted (right) side of the array and place it in the sorted (left) side of the array.

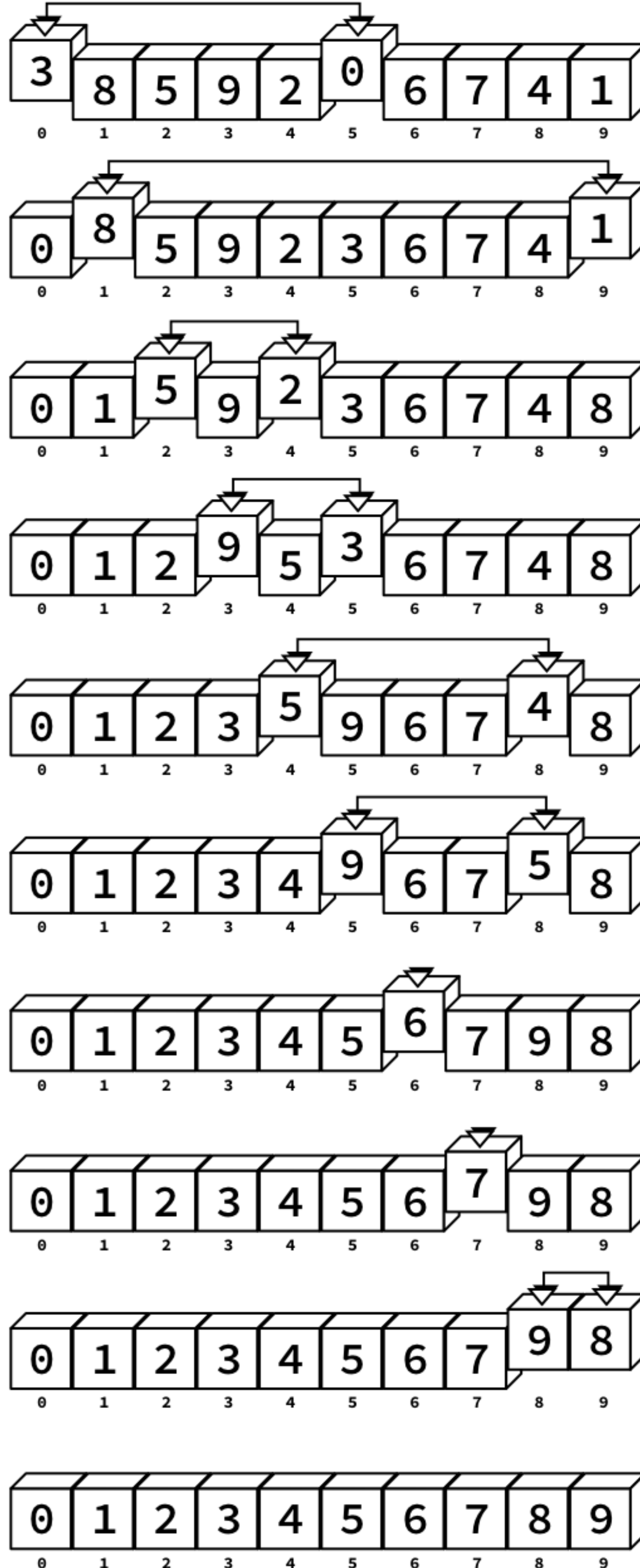
Repeat the selection process until the entire array is sorted.

RUNTIME

$$O(N^2)$$

SPACE

$$O(1)$$



SELECTION SORT:

Selecting Elements

Search the unsorted (right) side of the array for its minimum element.

Swap that element with the leftmost unsorted element. The size of the sorted (left) side of the array increases by one.

Minimum
So Far:

