```java
package sortAlgorithm;


import java.util.Arrays;
import java.util.List;

class SelectionSort {

    public static void selectionSort(int[] nums) {

        if ( nums == null || nums.length <= 1 ) {
            return;
        }

        int numsLength = nums.length;

        for (int i = 0; i < numsLength - 1; i++) {

            int index = i;

            for ( int j = i + 1; j < numsLength; j++ ) {

                if ( nums[j] < nums[index] ) {
                    index = j;
                }
            }

            int temp = nums[i];
            nums[i] = nums[index];
            nums[index] = temp;
        }
    }

    public static void main(String[] args) {

        int[] nums = {2,7,4,2,3,9,-1,9,18};

        selectionSort(nums);

        System.out.println("haha");
    }
}
```