Unsorted Array: Reversal and Swap Operations

1. Given an unsorted array, swap two elements of the array, given their indices.
2. Check to see if the given array contains elements in non-decreasing order (Ascending order)
3. Given an Unsorted array, return the index up to which the array elements are in non-decreasing order or Ascending Order.
4. Write a function that takes an unsorted integer array as input and returns an array with the values in reverse order.
5. Write a function to reverse the elements of the given array, in place (without using additional space).
6. Write a function that takes two unsorted integer arrays as input and returns true if the two arrays are identical.
7. Write a function that takes two unsorted integer arrays as input and returns the index up-to which, they are identical. Return -1 otherwise if no elements match.
8. Given an unsorted array A of size N, which contains duplicates, print only the distinct elements of the array.
9. Given an unsorted array A of size N, which contains duplicates, find the element that is duplicated the most.
10. Write a function that takes an unsorted integer array as input and returns a new array with the duplicates removed.
11. Given an unsorted integer array and an integer value X as input, return the count of the elements with values less than or equal to X.
12. Given an unsorted integer array and an integer value X as input, return the count of the elements with values greater than or equal to X.
13. Given an unsorted integer array as input, find the K^{th} Largest element.
14. Given an unsorted integer array as input, find the K^{th} Smallest element.