1. Given an array, check if it contains any duplicates or not.

arr = [1, 2, 4, 2, 5, 9]

Output = True

1. Given an array and an integer k, rotate the array to the right by k steps.

arr = [1, 2, 3, 4, 5, 6, 7]

k = 3

Output = [5, 6, 7, 1, 2, 3, 4]

1. Reverse the given array in-place, means without using any extra data structure.

arr = [2, 4, 5, 7, 9, 12]

Output = [12, 9, 7, 5, 4, 2]

1. Given an array of integers, find the maximum element in an array

arr = [10, 5, 20, 8, 15]

Output = 20

1. Given a sorted array, remove the duplicate element without using any extra data structure.

arr = [1, 1, 2, 2, 2, 3, 3, 4, 4, 4, 5, 5]

Output = [1, 2, 3, 4, 5]