Assignment 1 (Arrays)

Points to remember:
1. Do not search the solution on internet
2. Do not check the other submission for solution
3. Try all the questions by yourself
4. Try to pass all the test cases for your solution.
5. You can use any language to solve the problem.
6. Post your doubts regarding the problem on group.

Part 1:
1.   https://www.hackerrank.com/challenges/mini-max-sum/problem
2.   https://leetcode.com/problems/contains-duplicate
3.   https://leetcode.com/problems/degree-of-an-array/description/
4.   https://www.hackerrank.com/challenges/flatland-space-stations/problem
5.   https://www.hackerrank.com/challenges/strange-code/problem
6.   https://leetcode.com/problems/find-the-duplicate-number/description/

Part 2:
1.   Index of single 0 to be flipped to get maximum consecutive 1s (any other method which is not discussed in class)
2.   https://leetcode.com/problems/remove-element/description/
3.   https://leetcode.com/problems/remove-duplicates-from-sorted-array/description/
4.   http://practice.geeksforgeeks.org/problems/segregate-even-and-odd-numbers/0
5.   https://leetcode.com/problems/container-with-most-water/description/
6.   https://leetcode.com/problems/trapping-rain-water/description/ (with space optimized solution)

Please submit by Thursday.
1. Submit your solution as a txt file to me (mention ques no).
2. Please mention your doubts for particular question.

Thanks
Nishant Gupta