

ARRAYS - SET 3 QUESTIONS

Question 1:

- ❖ Problem link: <https://leetcode.com/problems/best-time-to-buy-and-sell-stock/>
- ❖ Difficulty level: Easy
- ❖ Expected Complexity:
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 2:

- ❖ Problem link: <https://leetcode.com/problems/check-if-n-and-its-double-exist/>
- ❖ Difficulty level: Easy
- ❖ Expected Complexity:
 - Time: $O(n)$
 - Extra space: $O(n)$

Question 3:

- ❖ Problem link: <https://leetcode.com/problems/minimum-distance-to-the-target-element/>
- ❖ Difficulty level: Easy
- ❖ Expected Complexity:
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 4:

- ❖ **Problem link:** <https://leetcode.com/problems/distance-between-bus-stops/>
- ❖ **Difficulty level:** Easy
- ❖ **Expected Complexity:**
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 5:

- ❖ **Problem link:** <https://leetcode.com/problems/teemo-attacking/>
- ❖ **Difficulty level:** Medium
- ❖ **Expected Complexity:**
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 6:

- ❖ **Problem link:** <https://leetcode.com/problems/find-all-duplicates-in-an-array/>
- ❖ **Difficulty level:** Medium
- ❖ **Expected Complexity:**
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 7:

- ❖ **Problem link:** <https://leetcode.com/problems/grumpy-bookstore-owner/>
- ❖ **Difficulty level:** Medium
- ❖ **Expected Complexity:**
 - Time: $O(n)$
 - Extra space: $O(1)$

Question 8:

- ❖ **Problem link:** <https://leetcode.com/problems/trapping-rain-water/>
- ❖ **Difficulty level:** Hard
- ❖ **Expected Complexity:**
 - Time: $O(n^2)$
 - Extra space: $O(1)$

Note: The solutions of all these questions will be provided on 8th May, 2021