GREEDY - SET 2 QUESTIONS

Question 1:

- ❖ **Problem link**: https://leetcode.com/problems/split-a-string-in-balanced-strings/
- ❖ **Difficulty level**: Easy
- ❖ **Expected Complexity**:
  - ➢ Time: O(n)
  - ➢ Extra space: O(1)

Question 2:

- ❖ **Problem link**:
  https://leetcode.com/problems/minimum-subsequence-in-non-increasing-order/
- ❖ **Difficulty level**: Easy
- ❖ **Expected Complexity**:
  - ➢ Time: O(nlogn)
  - ➢ Extra space: O(1) excluding output array

Question 3:

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

Question 4:

- ❖ **Problem link**: https://leetcode.com/problems/is-subsequence/
- ❖ **Difficulty level**: Easy
- ❖ **Expected Complexity**:
  - ➢ Time: O(N)
  - ➢ Extra space: O(1)

Question 5:

- ❖ **Problem link**:
  https://leetcode.com/problems/minimum-absolute-sum-difference/
- ❖ **Difficulty level**: Medium
- ❖ **Expected Complexity**:
  - ➢ Time: O(nlogn)
  - ➢ Extra space: O(1) excluding output array

Question 6:

- ❖ **Problem link**: https://leetcode.com/problems/gas-station/
- ❖ **Difficulty level**: Medium
- ❖ **Expected Complexity**:
  - ➢ Time: O(n)
  - ➢ Extra space: O(1)

Question 7:

- ❖ **Problem link**:

  https://practice.geeksforgeeks.org/problems/minimum-platforms-1587115620/1
- ❖ **Difficulty level**: Medium
- ❖ **Expected Complexity**:
  - ➢ Time: O(n*logn)
  - ➢ Extra space: O(n)

Question 8:

- ❖ **Problem link**: https://leetcode.com/problems/wildcard-matching/
- ❖ **Difficulty level**: Hard
- ❖ **Expected Complexity**:
  - ➢ Time: O(MN)
  - ➢ Extra space: O(1)