Report

Thành Công

April 2025

1 Introduction

2 Bai 1: Tim kiem tuyen tinh

Huong dan: 1. Duyet mang tu dau den cuoi
2. So sanh tung phan tu voi gia tri can tim
3. Neu tim thay, tra ve vi tri
4. Neu khong tim thay, tra ve -1
Input: [5, 3, 8, 1, 4], target = 8
Output: 2

3 Bai 2: Tim kiem Sentinel

Huong dan: 1. Luu gia tri cuoi mang
2. Gan gia tri can tim vao vi tri cuoi
3. Duyet mang den khi gap gia tri can tim
4. Kiem tra vi tri tim thay
Input: [2, 5, 1, 9, 7], target = 1
Output: 2

4 Bai 3: Tim phan tu nho nhat de quy

Huong dan: 1. Kiem tra dieu kien co ban
2. Chia mang thanh 2 nua
3. De quy tim nua chua sap xep
Input: [4, 5, 6, 1, 2, 3]
Output: 1

5 Bai 4: Bai toan chia tau

Huong dan: 1. Tim kiem nhi phan tren khoang [max, sum]
2. Voi moi mid, kiem tra kha nang ship

3. Dieu chinh left/right theo ket qua
Input: weights = [3, 5, 2, 4], days = 2
Output: 6

6 Bai 5: Subarray tong target

Huong dan: 1. Su dung 2 con tro left/right
2. Tinh tong cua so
3. Khi tong target, cap nhat do dai toi thieu
Input: nums = [2,3,1,2,4,3], target = 7
Output: 2

7 Bai 6: Hai so co tong bang target

Huong dan: 1. Sap xep mang (neu can)
2. Dung 2 con tro dau/cuoi
3. Dieu chinh left/right theo tong
Input: [1, 2, 3, 4, 6], target = 5
Output: YES

8 Bai 7: Ba so co tong bang 0

Huong dan: 1. Sap xep mang
2. Duyet tung phan tu i
3. Dung 2 con tro de tim cap so j, k
4. Tranh cac bo ba trung lap
Input: [-1, 0, 1, 2, -1, -4]
Output: [-1, -1, 2], [-1, 0, 1]