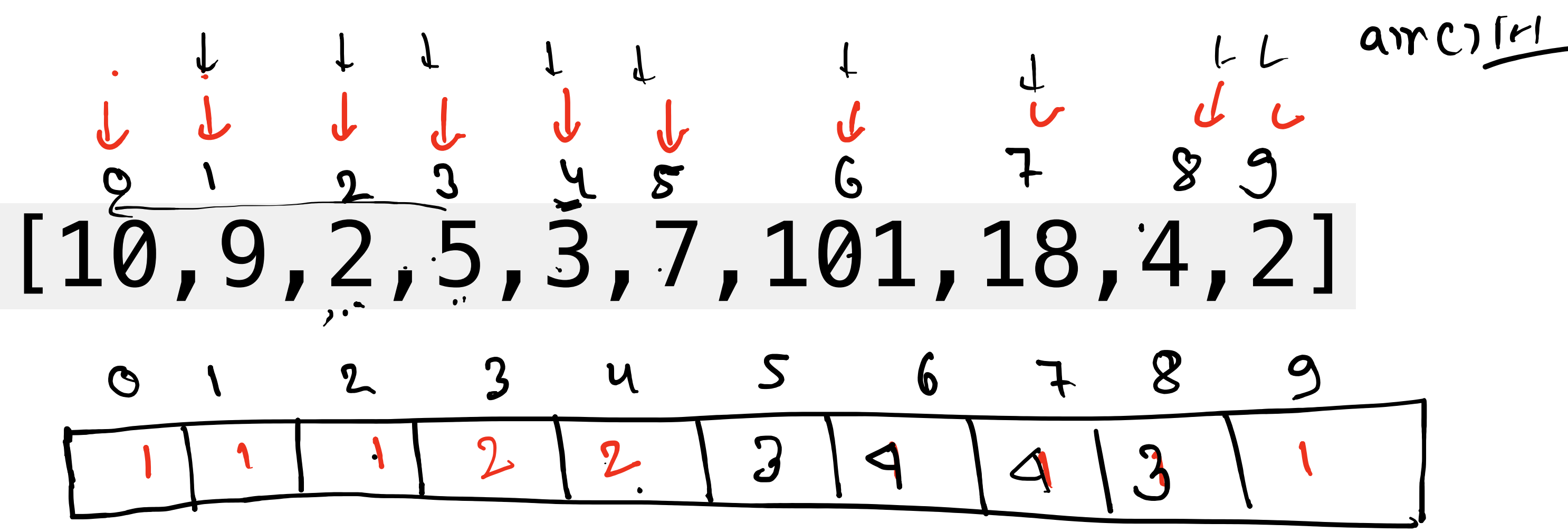
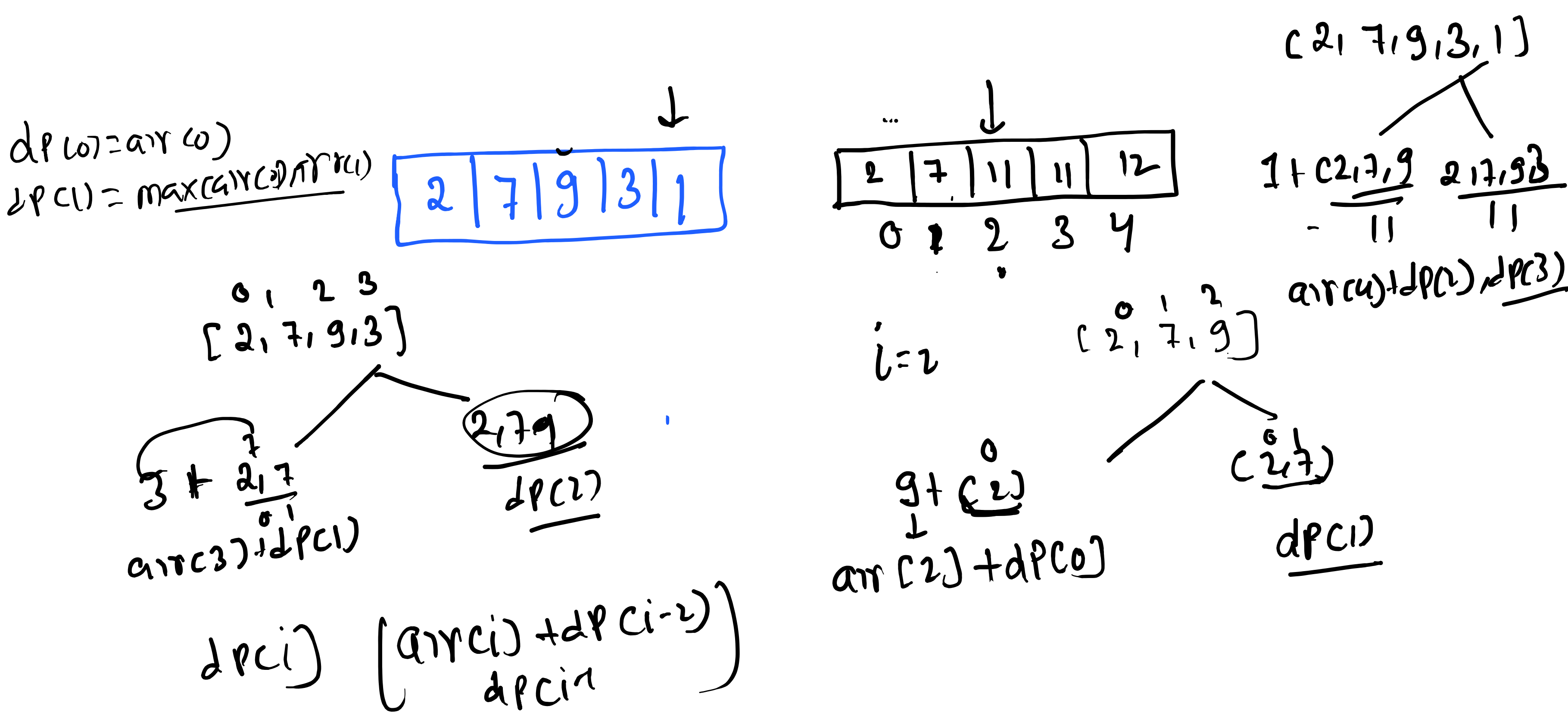
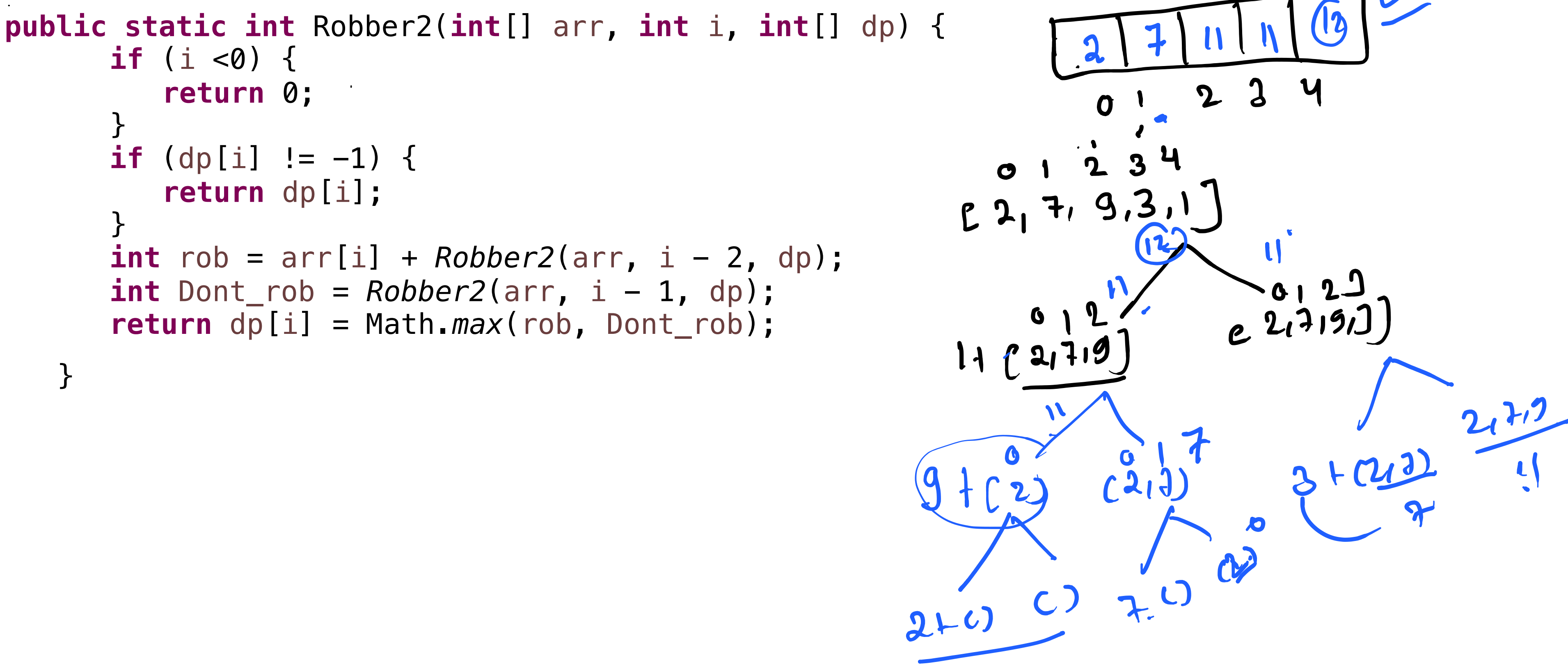
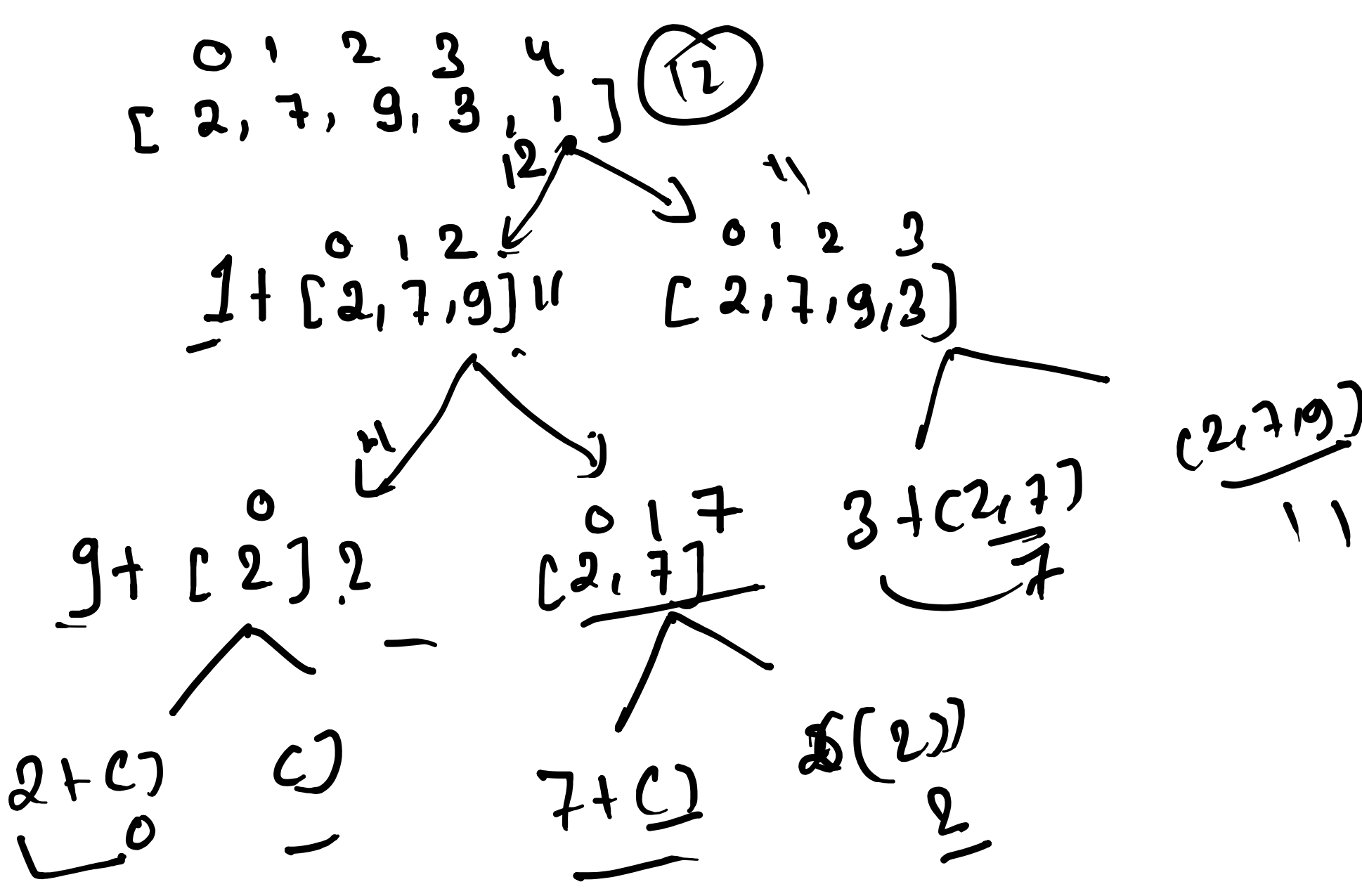
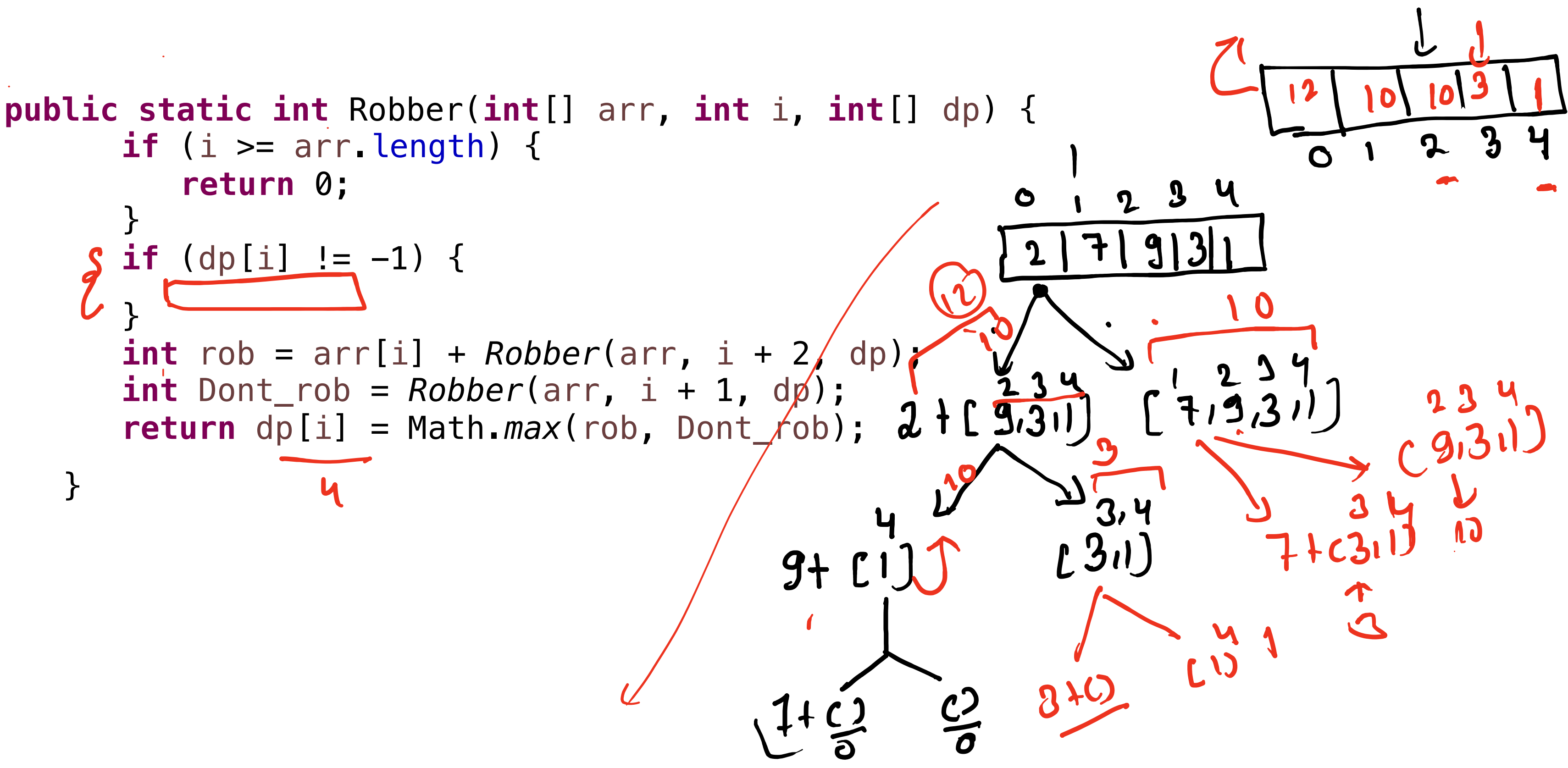
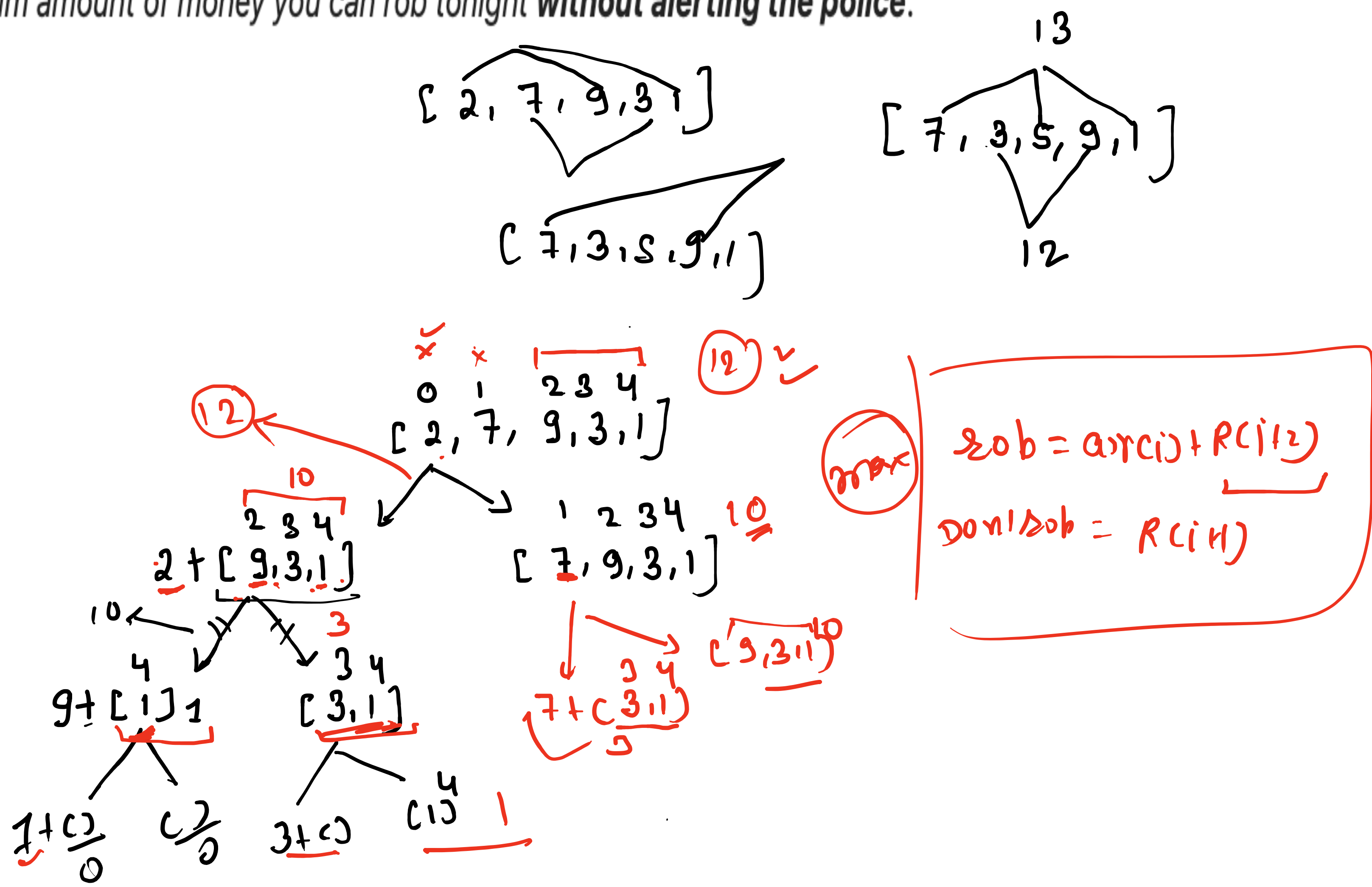


1

You are a professional robber planning to rob houses along a street. Each house has a certain amount of money stashed, the only constraint stopping you from robbing each of them is that adjacent houses have security systems connected and **it will automatically contact the police if two adjacent houses were broken into on the same night.**

Given an integer array `nums` representing the amount of money of each house, return the maximum amount of money you can rob tonight **without alerting the police.**



for i=1 i<arr.len i+=2
for i=1 i>=0 i-->2
if (arr[i]>arr[j])
x=dp[j]
dp[i]=max(dp[i], x+arr[i])

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