

Leet Code

Day-19 Q-01 4Sum

Given an array `nums` of n integers and an integer `target`, are there elements a, b, c , and d in `nums` such that $a + b + c + d = \text{target}$? Find all unique quadruplets in the array which gives the sum of `target`.

Note:

The solution set must not contain duplicate quadruplets.

Example:

Given array `nums = [1, 0, -1, 0, -2, 2]`, and `target = 0`.

A solution set is:

```
[
  [-1, 0, 0, 1],
  [-2, -1, 1, 2],
  [-2, 0, 0, 2]
]
```