377. Combination Sum IV

Given an array of **distinct** integers `nums` and a target integer `target`, return *the number of possible combinations that add up to* `target`.

The answer is **guaranteed** to fit in a **32-bit** integer.

Example 1:

```
Input: nums = [1,2,3], target = 4
Output: 7
Explanation:
The possible combination ways are:
(1, 1, 1, 1)
(1, 1, 2)
(1, 2, 1)
(1, 3)
(2, 1, 1)
(2, 2)
(3, 1)
Note that different sequences are counted as different combinations.
```

Example 2:

```
Input: nums = [9], target = 3
Output: 0
```

```python
class Solution:
    def combinationSum4(self, nums: List[int], target: int) -> int:
        dp = [0]*(target+1)
        dp[0]=1
        for i in range(1,len(dp)):
            for num in nums:
                if i-num>=0:
                    dp[i] = dp[i]+dp[i-num]
        return dp[target]
```