

1798. Maximum Number of Consecutive Values You Can Make

Medium

 346

 27

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You are given an integer array `coins` of length `n` which represents the `n` coins that you own. The value of the `ith` coin is `coins[i]` . You can **make** some value `x` if you can choose some of your `n` coins such that their values sum up to `x` .

Return the *maximum number of consecutive integer values that you **can make** with your coins **starting** from and **including** 0* .

Note that you may have multiple coins of the same value.

Example 1:

Input: coins = [1,3]

Output: 2

Explanation: You can make the following values:

- 0: take []

- 1: take [1]

You can make 2 consecutive integer values starting from 0.

Example 2:

Input: coins = [1,1,1,4]

Output: 8

Explanation: You can make the following values:

- 0: take []

- 1: take [1]

- 2: take [1,1]

- 3: take [1,1,1]

- 4: take [4]

- 5: take [4,1]

- 6: take [4,1,1]

- 7: take [4,1,1,1]

You can make 8 consecutive integer values starting from 0.

Example 3:

Input: nums = [1,4,10,3,1]

Output: 20

Constraints:

- `coins.length == n`
- `1 <= n <= 4 * 104`
- `1 <= coins[i] <= 4 * 104`

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class Solution {

public int getMaximumConsecutive(int[] coins) {

}

}