You are given a list of songs where the ith song has a duration of time[i] seconds.

Return *the number of pairs of songs for which their total duration in seconds is divisible by* 60. Formally, we want the number of indices i, j such that i < j with (time[i] + time[j]) % 60 == 0.

**Example 1:**

Input: time = [30,20,150,100,40]  
Output: 3  
Explanation: Three pairs have a total duration divisible by 60:  
(time[0] = 30, time[2] = 150): total duration 180  
(time[1] = 20, time[3] = 100): total duration 120  
(time[1] = 20, time[4] = 40): total duration 60

**Example 2:**

Input: time = [60,60,60]  
Output: 3  
Explanation: All three pairs have a total duration of 120, which is divisible by 60.

**Constraints:**

* 1 <= time.length <= 6 \* 104
* 1 <= time[i] <= 500