In a list of songs, the i-th 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 with (time[i] + time[j]) % 60 == 0.

**Example 1:**

**Input:** [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:** [60,60,60]

**Output:** 3

**Explanation:** All three pairs have a total duration of 120, which is divisible by 60.

**Note:**

1. 1 <= time.length <= 60000
2. 1 <= time[i] <= 500