

825. Friends Of Appropriate Ages

Some people will make friend requests. The list of their ages is given and `ages[i]` is the age of the *i*th person.

Person A will NOT friend request person B ($B \neq A$) if any of the following conditions are true:

- `age[B] <= 0.5 * age[A] + 7`
- `age[B] > age[A]`
- `age[B] > 100 && age[A] < 100`

Otherwise, A will friend request B.

Note that if A requests B, B does not necessarily request A. Also, people will not friend request themselves.

How many total friend requests are made?

Example 1:

Input: [16,16]
Output: 2
Explanation: 2 people friend request each other.

Example 2:

Input: [16,17,18]
Output: 2
Explanation: Friend requests are made 17 -> 16, 18 -> 17.

Example 3:

Input: [20,30,100,110,120]
Output:
Explanation: Friend requests are made 110 -> 100, 120 -> 110, 120 -> 100.

Notes:

- `1 <= ages.length <= 20000`.
- `1 <= ages[i] <= 120`.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium