You are given an array of transactions transactions where transactions[i] = [fromi, toi, amounti] indicates that the person with ID = fromi gave amounti $ to the person with ID = toi.

Return *the minimum number of transactions required to settle the debt*.

**Example 1:**

Input: transactions = [[0,1,10],[2,0,5]]  
Output: 2  
Explanation:  
Person #0 gave person #1 $10.  
Person #2 gave person #0 $5.  
Two transactions are needed. One way to settle the debt is person #1 pays person #0 and #2 $5 each.

**Example 2:**

Input: transactions = [[0,1,10],[1,0,1],[1,2,5],[2,0,5]]  
Output: 1  
Explanation:  
Person #0 gave person #1 $10.  
Person #1 gave person #0 $1.  
Person #1 gave person #2 $5.  
Person #2 gave person #0 $5.  
Therefore, person #1 only need to give person #0 $4, and all debt is settled.

**Constraints:**

* 1 <= transactions.length <= 8
* transactions[i].length == 3
* 0 <= fromi, toi < 12
* fromi != toi
* 1 <= amounti <= 100