At a lemonade stand, each lemonade costs $5.

Customers are standing in a queue to buy from you, and order one at a time (in the order specified by bills).

Each customer will only buy one lemonade and pay with either a $5, $10, or $20 bill.  You must provide the correct change to each customer, so that the net transaction is that the customer pays $5.

Note that you don't have any change in hand at first.

Return true if and only if you can provide every customer with correct change.

**Example 1:**

**Input:** [5,5,5,10,20]

**Output:** true

**Explanation:**

From the first 3 customers, we collect three $5 bills in order.

From the fourth customer, we collect a $10 bill and give back a $5.

From the fifth customer, we give a $10 bill and a $5 bill.

Since all customers got correct change, we output true.

**Example 2:**

**Input:** [5,5,10]

**Output:** true

**Example 3:**

**Input:** [10,10]

**Output:** false

**Example 4:**

**Input:** [5,5,10,10,20]

**Output:** false

**Explanation:**

From the first two customers in order, we collect two $5 bills.

For the next two customers in order, we collect a $10 bill and give back a $5 bill.

For the last customer, we can't give change of $15 back because we only have two $10 bills.

Since not every customer received correct change, the answer is false.

**Note:**

* 0 <= bills.length <= 10000
* bills[i] will be either 5, 10, or 20.