

1587. Bank Account Summary II

Easy  Topics  Companies

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Table: `Users`

+-----+		
Column Name	Type	
+-----+		
account	int	
name	varchar	
+-----+		

account is the primary key (column with unique values) for this table.
Each row of this table contains the account number of each user in the bank.
There will be no two users having the same name in the table.

Table: `Transactions`

+-----+		
Column Name	Type	
+-----+		
trans_id	int	
account	int	
amount	int	
transacted_on	date	
+-----+		

trans_id is the primary key (column with unique values) for this table.
Each row of this table contains all changes made to all accounts.
amount is positive if the user received money and negative if they transferred money.
All accounts start with a balance of 0.

Write a solution to report the name and balance of users with a balance higher than `10000`. The balance of an account is equal to the sum of the amounts of all transactions involving that account.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:

Users table:

+-----+		
account	name	
+-----+		

900001	Alice	
900002	Bob	
900003	Charlie	

+-----+-----+

Transactions table:

trans_id	account	amount	transacted_on	
1	900001	7000	2020-08-01	
2	900001	7000	2020-09-01	
3	900001	-3000	2020-09-02	
4	900002	1000	2020-09-12	
5	900003	6000	2020-08-07	
6	900003	6000	2020-09-07	
7	900003	-4000	2020-09-11	

+-----+-----+-----+

Output:

name	balance	
Alice	11000	

+-----+-----+

Explanation:

Alice's balance is $(7000 + 7000 - 3000) = 11000$.

Bob's balance is 1000.

Charlie's balance is $(6000 + 6000 - 4000) = 8000$.