SQL Schema

Table: Users

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

| Column Name | Type |

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| user\_id | int |

| user\_name | varchar |

| credit | int |

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user\_id is the primary key for this table.

Each row of this table contains the current credit information for each user.

Table: Transactions

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| Column Name | Type |

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| trans\_id | int |

| paid\_by | int |

| paid\_to | int |

| amount | int |

| transacted\_on | date |

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trans\_id is the primary key for this table.

Each row of this table contains the information about the transaction in the bank.

User with id (paid\_by) transfer money to user with id (paid\_to).

Leetcode Bank (LCB) helps its coders in making virtual payments. Our bank records all transactions in the table *Transaction*, we want to find out the current balance of all users and check wheter they have breached their credit limit (If their current credit is less than 0).

Write an SQL query to report.

* user\_id
* user\_name
* credit, current balance after performing transactions.
* credit\_limit\_breached, check credit\_limit ("Yes" or "No")

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

The query result format is in the following example.

Users table:

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| user\_id | user\_name | credit |

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

| 1 | Moustafa | 100 |

| 2 | Jonathan | 200 |

| 3 | Winston | 10000 |

| 4 | Luis | 800 |

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Transactions table:

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

| trans\_id | paid\_by | paid\_to | amount | transacted\_on |

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

| 1 | 1 | 3 | 400 | 2020-08-01 |

| 2 | 3 | 2 | 500 | 2020-08-02 |

| 3 | 2 | 1 | 200 | 2020-08-03 |

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Result table:

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

| user\_id | user\_name | credit | credit\_limit\_breached |

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

| 1 | Moustafa | -100 | Yes |

| 2 | Jonathan | 500 | No |

| 3 | Winston | 9900 | No |

| 4 | Luis | 800 | No |

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Moustafa paid $400 on "2020-08-01" and received $200 on "2020-08-03", credit (100 -400 +200) = -$100

Jonathan received $500 on "2020-08-02" and paid $200 on "2020-08-08", credit (200 +500 -200) = $500

Winston received $400 on "2020-08-01" and paid $500 on "2020-08-03", credit (10000 +400 -500) = $9990

Luis didn't received any transfer, credit = $800