SQL Schema

Table: Visits

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| Column Name | Type |

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

| visit\_id | int |

| customer\_id | int |

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

visit\_id is the primary key for this table.

This table contains information about the customers who visited the mall.

Table: Transactions

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| Column Name | Type |

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

| transaction\_id | int |

| visit\_id | int |

| amount | int |

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

transaction\_id is the primary key for this table.

This table contains information about the transactions made during the visit\_id.

Write an SQL query to find the IDs of the users who visited without making any transactions and the number of times they made these types of visits.

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

The query result format is in the following example:

Visits

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

| visit\_id | customer\_id |

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

| 1 | 23 |

| 2 | 9 |

| 4 | 30 |

| 5 | 54 |

| 6 | 96 |

| 7 | 54 |

| 8 | 54 |

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

Transactions

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

| transaction\_id | visit\_id | amount |

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

| 2 | 5 | 310 |

| 3 | 5 | 300 |

| 9 | 5 | 200 |

| 12 | 1 | 910 |

| 13 | 2 | 970 |

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

Result table:

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

| customer\_id | count\_no\_trans |

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

| 54 | 2 |

| 30 | 1 |

| 96 | 1 |

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Customer with id = 23 visited the mall once and made one transaction during the visit with id = 12.

Customer with id = 9 visited the mall once and made one transaction during the visit with id = 13.

Customer with id = 30 visited the mall once and did not make any transactions.

Customer with id = 54 visited the mall three times. During 2 visits they did not make any transactions, and during one visit they made 3 transactions.

Customer with id = 96 visited the mall once and did not make any transactions.

As we can see, users with IDs 30 and 96 visited the mall one time without making any transactions. Also user 54 visited the mall twice and did not make any transactions.