Description    Editorial    Solutions (1.2K)    Submissions

## 1581. Customer Who Visited but Did Not Make Any Transactions

Easy ✓    👍 1.1K    👎 152    ☆    ⟲

🔒 Companies

SQL Schema >

Table: `Visits`

```
+--------------+---------+
| Column Name  | Type    |
+--------------+---------+
| visit_id     | int     |
| customer_id  | int     |
+--------------+---------+
visit_id is the column with unique values for this table.
This table contains information about the customers who visited the mall.
```

Table: `Transactions`

```
+----------------+---------+
| Column Name    | Type    |
+----------------+---------+
| transaction_id | int     |
| visit_id       | int     |
| amount         | int     |
+----------------+---------+
transaction_id is column with unique values for this table.
This table contains information about the transactions made during the visit_id.
```

Write a solution 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 result format is in the following example.

**Example 1:**

```
Input:
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    |
+----------------+----------+--------+
Output:
+-------------+----------------+
| customer_id | count_no_trans |
+-------------+----------------+
| 54          | 2              |
| 30          | 1              |
| 96          | 1              |
+-------------+----------------+
Explanation:
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.
```

Accepted **161.6K**    Submissions **208.5K**    Acceptance Rate **77.5%**

Seen this question in a real interview before?    1/4

Yes    No

Discussion (33)                                                                    ⌄

Similar Questions                                                                  ⌄

---

*i* MySQL ⌄    🔒 Auto                           🔖 {} ⟲ ⌘ ⚙ ⤢

```
1  # Write your MySQL query statement below
2  SELECT v.customer_id, COUNT(customer_id) AS count_no_trans
3  from Visits v
4  LEFT JOIN Transactions t
5  USING(visit_id)
6  WHERE t.transaction_id IS NULL
7  GROUP BY customer_id
8
```

Ln 8, Col 1

Console ∧                                          🐞   Run   Submit

Related Topics