SQL Schema

Table: Subscriptions

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

| Column Name | Type |

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

| account\_id | int |

| start\_date | date |

| end\_date | date |

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

account\_id is the primary key column for this table.

Each row of this table indicates the start and end dates of an account's subscription.

Note that always start\_date < end\_date.

Table: Streams

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

| Column Name | Type |

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

| session\_id | int |

| account\_id | int |

| stream\_date | date |

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

session\_id is the primary key column for this table.

account\_id is a foreign key from the Subscriptions table.

Each row of this table contains information about the account and the date associated with a stream session.

Write an SQL query to report the number of accounts that bought a subscription in 2021 but did not have any stream session.

The query result format is in the following example.

**Example 1:**

**Input:**

Subscription table:

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

| account\_id | start\_date | end\_date |

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

| 9 | 2020-02-18 | 2021-10-30 |

| 3 | 2021-09-21 | 2021-11-13 |

| 11 | 2020-02-28 | 2020-08-18 |

| 13 | 2021-04-20 | 2021-09-22 |

| 4 | 2020-10-26 | 2021-05-08 |

| 5 | 2020-09-11 | 2021-01-17 |

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

Streams table:

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

| session\_id | account\_id | stream\_date |

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

| 14 | 9 | 2020-05-16 |

| 16 | 3 | 2021-10-27 |

| 18 | 11 | 2020-04-29 |

| 17 | 13 | 2021-08-08 |

| 19 | 4 | 2020-12-31 |

| 13 | 5 | 2021-01-05 |

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

**Output:**

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

| accounts\_count |

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

| 2 |

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

**Explanation:** Users 4 and 9 did not stream in 2021.

User 11 did not subscribe in 2021.