

Description Editorial Solutions (738) Submissions

1045. Customers Who Bought All Products

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SQL Schema >

Table: Customer

Column Name	Type
customer_id	int
product_key	int

This table may contain duplicates rows.

customer_id is not NULL.
product_key is a foreign key (reference column) to Product table.

Table: Product

Column Name	Type
product_key	int

product_key is the primary key (column with unique values) for this table.

Write a solution to report the customer ids from the Customer table that bought all the products in the Product table.

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

The result format is in the following example.

Example 1:

Input:

Customer table:

customer_id	product_key
1	5
2	6
3	5
3	6
1	6

Product table:

product_key
5
6

Output:

customer_id
1
3

Explanation:

The customers who bought all the products (5 and 6) are customers with IDs 1 and 3.

MySQL Auto

```
1 # Write your MySQL query statement below
2 WITH t1 AS(
3     SELECT customer_id, COUNT(DISTINCT(product_key)) AS product
4     FROM Customer
5     GROUP BY customer_id)
6
7 SELECT
8     customer_id
9 FROM t1
10 WHERE product = (
11     SELECT COUNT(product_key)
12     FROM product
13 )
```

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Console ^

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Yes No

Discussion (12)

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