Medium

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           |
```

```
+------------+
```

```sql
# Write your MySQL query statement below
SELECT customer_id
FROM Customer
GROUP BY customer_id
HAVING GROUP_CONCAT(DISTINCT product_key ORDER BY product_key) IN (SELECT
GROUP_CONCAT(product_key ORDER BY product_key) FROM Product)
ORDER BY customer_id;

-- THIS will not incase of a different product_key is entered in customer table
-- SELECT customer_id
-- FROM Customer
-- GROUP BY customer_id
-- HAVING count(DISTINCT product_key) = (SELECT COUNT(*) FROM Product)
```