

Problem 1045: Customers Who Bought All Products

Problem Information

Difficulty: Medium

Acceptance Rate: 63.45%

Paid Only: No

Tags: Database

Problem Description

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.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```