

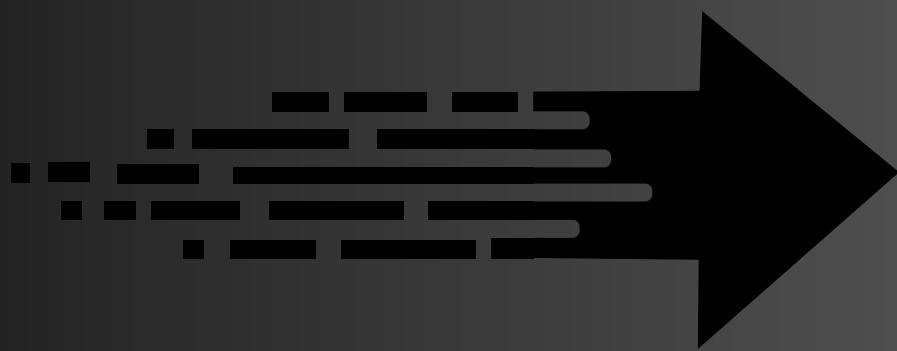


LeetCode

50 Days 50 SQL Questions
Work In Progress

Day 29/50

***29. Customers who
bought All Products***





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Question

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**.





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Table

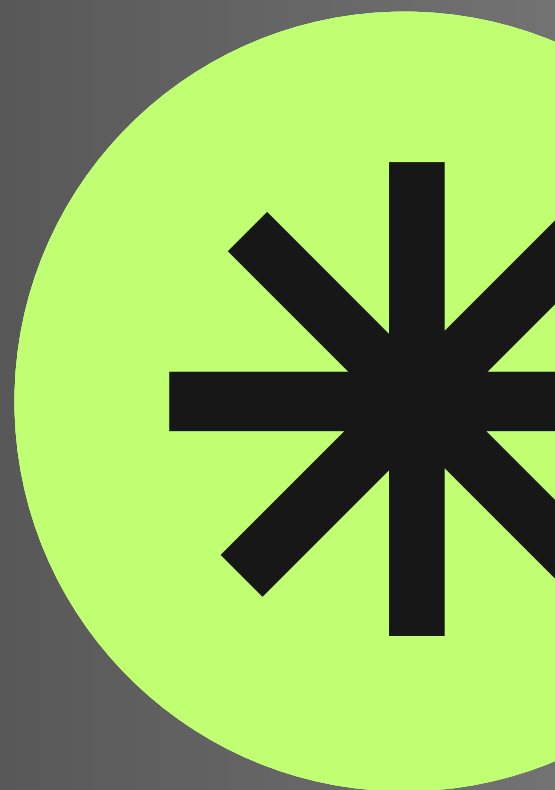
Input:

Customer table:

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

Product table:

product_key
5
6





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Approach

Selected the distinct customer_id from customer table, then grouping the result by customer_id and fetching only those ids where Count of distinct product_key is equal to Count of product_key from Product table.



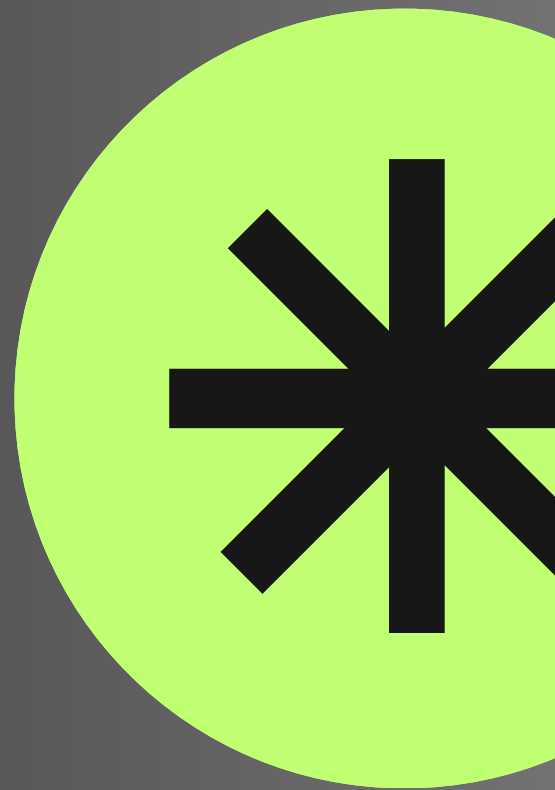


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Query

```
1 # Write your MySQL query statement below
2 SELECT
3     DISTINCT(customer_id)
4 FROM customer
5 GROUP BY customer_id
6 HAVING COUNT(DISTINCT product_key) = (SELECT COUNT(product_key) FROM product);
```





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Output

Output:

customer_id
1
3





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thoughts in the
comment section*

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Thank You :)

