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1398. Customers Who Bought Products A and B but Not C

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[SQL Schema >](#)**Table: Customers**

Column Name	Type
customer_id	int
customer_name	varchar

customer_id is the primary key for this table.
customer_name is the name of the customer.

Table: Orders

Column Name	Type
order_id	int
customer_id	int
product_name	varchar

order_id is the primary key for this table.
customer_id is the id of the customer who bought the product "product_name".

Write an SQL query to report the customer_id and customer_name of customers who bought products "A", "B" but did not buy the product "C" since we want to recommend them buy

Return the result table ordered by customer_id.

The query result format is in the following example.

Customers table:

customer_id	customer_name
1	Daniel
2	Diana
3	Elizabeth
4	Jhon

Orders table:

order_id	customer_id	product_name
10	1	A
20	1	B
30	1	D
40	1	C
50	2	A
60	3	A
70	3	B
80	3	D
90	4	C

Result table:

customer_id	customer_name
3	Elizabeth

Only the customer_id with id 3 bought the product A and B but not the product C.

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Seen this question in a real interview before?

 Yes No

Contributor

Companies