

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

## Description

Table: `Customers`

Column Name	Type
customer_id	int
customer_name	varchar

customer\_id is the column with unique values 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 column with unique values for this table.  
customer\_id is the id of the customer who bought the product "product\_name".

Write a solution 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 to purchase this product.

Return the result table **ordered by** `customer_id` .

The result format is in the following example.

### Example 1:

<b>Input:</b>			
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	
<b>Output:</b>			
customer_id	customer_name		
3	Elizabeth		
<b>Explanation:</b> Only the customer_id with id 3 bought the product A and B but not the product C.			

