

183. Customers Who Never Order

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Suppose that a website contains two tables, the **Customers** table and the **Orders** table. Write a SQL query to find all customers who never order anything.

Table: **Customers**.

Id Name	
1	Joe
2	Henry
3	Sam
4	Max

Table: **Orders**.

Id CustomerId	
1	3
2	1

Using the above tables as example, return the following:

Customers	
Henry	
Max	

Solution

Approach: Using sub-query and **NOT IN** clause [Accepted]

Algorithm

If we have a list of customers who have ever ordered, it will be easy to know who never ordered.

We can use the following code to get such list.

```
select customerid from orders;
```

Then, we can use **NOT IN** to query the customers who are not in this list.

MySQL

```
select customers.name as 'Customers'
from customers
where customers.id not in
(
    select customerid from orders
);
```

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Did a left join to find the null values and then filtered to them:

```
SELECT Name AS 'Customers'
FROM Customers c
```

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SELECT
c.Name AS Customers
FROM customers AS c
LEFT JOIN orders AS o
ON c.id = o.customerid

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SELECT Customers.name AS Customers
FROM Customers
LEFT JOIN Orders
ON Customers.Id = Orders.CustomerId
WHERE Orders.CustomerId IS NULL ;

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SELECT Name AS Customers
FROM Customers AS c
LEFT JOIN Orders AS o
ON c.id = o.CustomerId
WHERE o.CustomerId is null

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select name as Customers
From customers left join orders on (customers.id = orders.customerid)
where orders.customerid is null;

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August 1, 2018 12:13 AM

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Could anyone tell me whats wrong with that? Thank you.
select a.Name as "Customers"
from Customers as a
Orders as b
where a.Id not in b.CustomerId;

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```
SELECT Name as Customers
FROM
(
    SELECT Customers.Name
```

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select Name as Customers
from Customers c left join Orders o
on c.Id = o.CustomerId
where o.CustomerId is null

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SELECT Name as 'Customers'
FROM Customers C
LEFT JOIN Orders O ON C.Id = O.CustomerId
WHERE O.CustomerId IS NULL

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October 18, 2018 7:51 AM

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Look at my answer

```
Select
C.Name as Customers
From
```

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