

Chapter 17: EXISTS CLAUSE

Section 17.1: EXISTS CLAUSE

Customer Table

Id FirstName LastName

1	Ozgur	Ozturk
2	Youssef	Medi
3	Henry	Tai

Order Table

Id CustomerId Amount

1	2	123.50
2	3	14.80

Get all customers with a least one order

```
SELECT * FROM Customer WHERE EXISTS (  
    SELECT * FROM Order WHERE Order.CustomerId=Customer.Id  
)
```

Result

Id FirstName LastName

2	Youssef	Medi
3	Henry	Tai

Get all customers with no order

```
SELECT * FROM Customer WHERE NOT EXISTS (  
    SELECT * FROM Order WHERE Order.CustomerId = Customer.Id  
)
```

Result

Id FirstName LastName

1	Ozgur	Ozturk
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Purpose

[EXISTS](#), [IN](#) and [JOIN](#) could sometime be used for the same result, however, they are not equals :

- [EXISTS](#) should be used to check if a value exist in another table
 - [IN](#) should be used for static list
 - [JOIN](#) should be used to retrieve data from other(s) table(s)
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