

SQL IN Operator

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The SQL IN Operator

The **IN** operator allows you to specify multiple values in a **WHERE** clause.

The **IN** operator is a shorthand for multiple **OR** conditions.

IN Syntax

```
SELECT column_name(s)
FROM table_name
WHERE column_name IN (value1, value2, ...);
```

or:

```
SELECT column_name(s)
FROM table_name
WHERE column_name IN (SELECT STATEMENT);
```

Demo Database

The table below shows the complete "Customers" table from the Northwind sample database:

CustomerID	CustomerName	ContactName	Address	City	PostalCode
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12205
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05121
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05121

4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	W
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-
6	Blauer See Delikatessen	Hanna Moos	Forsterstr. 57	Mannheim	68
7	Blondel père et fils	Frédérique Citeaux	24, place Kléber	Strasbourg	67

IN Operator Examples

The following SQL statement selects all customers that are located in "Germany", "France" or "UK":

Example

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```
SELECT * FROM Customers
WHERE Country IN ('Germany', 'France', 'UK');
```

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The following SQL statement selects all customers that are NOT located in "Germany", "France" or "UK":

Example

```
SELECT * FROM Customers
WHERE Country NOT IN ('Germany', 'France', 'UK');
```

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The following SQL statement selects all customers that are from the same countries as the suppliers:

Example

```
SELECT * FROM Customers  
WHERE Country IN (SELECT Country FROM Suppliers);
```

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