



SQL WHERE Clause

[< Previous](#)[Next >](#)

The SQL WHERE Clause

The WHERE clause is used to filter records.

The WHERE clause is used to extract only those records that fulfill a specified condition.

WHERE Syntax

```
SELECT column1, column2, ...  
FROM table_name  
WHERE condition;
```

Note: The WHERE clause is not only used in SELECT statement, it is also used in UPDATE, DELETE statement, etc.!

Demo Database

Below is a selection from the "Customers" table in the Northwind sample database:

CustomerID	CustomerName	ContactName	Address	City	PostalCod
1	Alfreds	Maria Anders	Obere Str. 57	Berlin	12209

Futterkiste					
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22



WHERE Clause Example

The following SQL statement selects all the customers from the country "Mexico", in the "Customers" table:

Example

```
SELECT * FROM Customers  
WHERE Country='Mexico';
```

Try it Yourself »

Text Fields vs. Numeric Fields

SQL requires single quotes around text values (most database systems will also allow double quotes).

However, numeric fields should not be enclosed in quotes:

Example

```
SELECT * FROM Customers  
WHERE CustomerID=1;
```

Try it Yourself »

Operators in The WHERE Clause

The following operators can be used in the WHERE clause:

Operator	Description
=	Equal
<>	Not equal. Note: In some versions of SQL this operator may be written as !=
>	Greater than
<	Less than
>=	Greater than or equal
<=	Less than or equal
BETWEEN	Between an inclusive range
LIKE	Search for a pattern
IN	To specify multiple possible values for a column

[< Previous](#)[Next >](#)

COLOR PICKER



HOW TO

Tabs
Dropdowns
Accordions
Convert Weights
Animated Buttons
Side Navigation
Top Navigation
Modal Boxes
Progress Bars

Parallax
Login Form
HTML Includes
Google Maps
Range Sliders
Tooltips
Slideshow
Filter List
Sort List

SHARE



CERTIFICATES

HTML, CSS, JavaScript, PHP, jQuery, Bootstrap and XML.

[Read More »](#)

Top 10 Tutorials

HTML Tutorial
CSS Tutorial
JavaScript Tutorial
W3.CSS Tutorial
Bootstrap Tutorial
SQL Tutorial
PHP Tutorial
jQuery Tutorial
Angular Tutorial
How To Tutorial

Top 10 References

HTML Reference
CSS Reference
JavaScript Reference
W3.CSS Reference
Bootstrap Reference
SQL Reference
PHP Reference
HTML Colors
jQuery Reference
AngularJS Reference

Top 10 Examples

HTML Examples
CSS Examples
JavaScript Examples
W3.CSS Examples
Bootstrap Examples
HTML DOM Examples
PHP Examples
jQuery Examples
Angular Examples
XML Examples

Web Certificates

HTML Certificate
CSS Certificate
JavaScript Certificate
jQuery Certificate
PHP Certificate
Bootstrap Certificate
XML Certificate

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of

use, cookie and privacy policy. Copyright 1999-2018 by Refsnes Data. All Rights Reserved.
Powered by W3.CSS.

