



SQL SELECT

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SQL SELECT Statement Defined:

The SELECT statement is used to select data from a database.
The result is stored in a result table called the result-set.

SQL SELECT Syntax

SELECT column_name,column_name

FROM table_name;

and

SELECT * FROM table_name;

SQL SELECT Example 1

Table Name: Customers

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden

SELECT Column

- ▶ The below statement will select the “CustomerName” and “City” columns from the “Customers” table.
- ▶ `SELECT CustomerName, City FROM Customers;`

SQL SELECT Example 1 continued...

OUTPUT

CustomerName	City
Alfreds Futterkiste	Berlin
Ana Trujillo Emparedados y helados	México D.F.
Antonio Moreno Taquería	México D.F.
Around the Horn	London
Berglunds snabbköp	Luleå

SQL SELECT Example 2

Table Name: Customers

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden

SELECT *

- ▶ The below statement will select the all of the columns from the “Customers” table.
- ▶ `SELECT * FROM Customers;`

SQL SELECT Example 2 continued...

OUTPUT

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden

Sources

- ❖ http://www.w3schools.com/sql/sql_select.asp
- ❖ http://www.w3schools.com/sql/trysql.asp?filename=trysql_select_columns
- ❖ http://www.w3schools.com/sql/trysql.asp?filename=trysql_select_all