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SQL Delete and Drop Statements

The [DELETE](#) statement is used to delete rows in a table. Notice the where clause in the delete syntax. The where clause specifies which records that should be deleted. If you omit the where clause, all records will be deleted!

Assume the Persons table is given below:

```
1 | DELETE FROM table_name
2 | WHERE column_name = some_value
```

P_Id	LastName	FirstName	Address	City
1	Hansen	Ola	Timoteivn 10	Sandnes
2	Svendson	Tove	Borgvn 23	Sandnes
3	Pettersen	Kari	Storgt 20	Stavanger
4	Rasmussen	Nina	Stien 12	Stavanger

```
1 | DELETE FROM Persons WHERE LastName = 'Rasmussen';
2 | DELETE FROM Persons;
```

- The first delete statement deletes “Nina Rasmussen.”

P_Id	LastName	FirstName	Address	City
1	Hansen	Ola	Timoteivn 10	Sandnes
2	Svendson	Tove	Borgvn 23	Sandnes
3	Pettersen	Kari	Storgt 20	Stavanger

- The second delete statement deletes all rows in the Persons table without deleting the table. This means that the table structure, attributes, and indexes will be intact.

P_Id	LastName	FirstName	Address	City
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The [DROP TABLE](#) command is to delete a table (the table structure, attributes, and indexes will also be deleted):

1 | **DROP TABLE**
| table_name

Demonstration

The following is an SQL test area from [W3Schools](#), which uses the well-known [Northwind](#) sample database and the tables are for read only.

SQL Statement:

```
SELECT ProductName, SupplierName, ContactName
FROM Products p, Suppliers s
WHERE p.SupplierID = s.SupplierID AND
      s.ContactName LIKE '%Ann%';
```

The Database includes:

Restore
Database

Edit the SQL statement and click to see the result, or

Result:

Click **"Run SQL"** to execute the SQL statement above.

W3Schools has created an SQL database in your browser.

The menu to the right displays the database, and will reflect any changes.

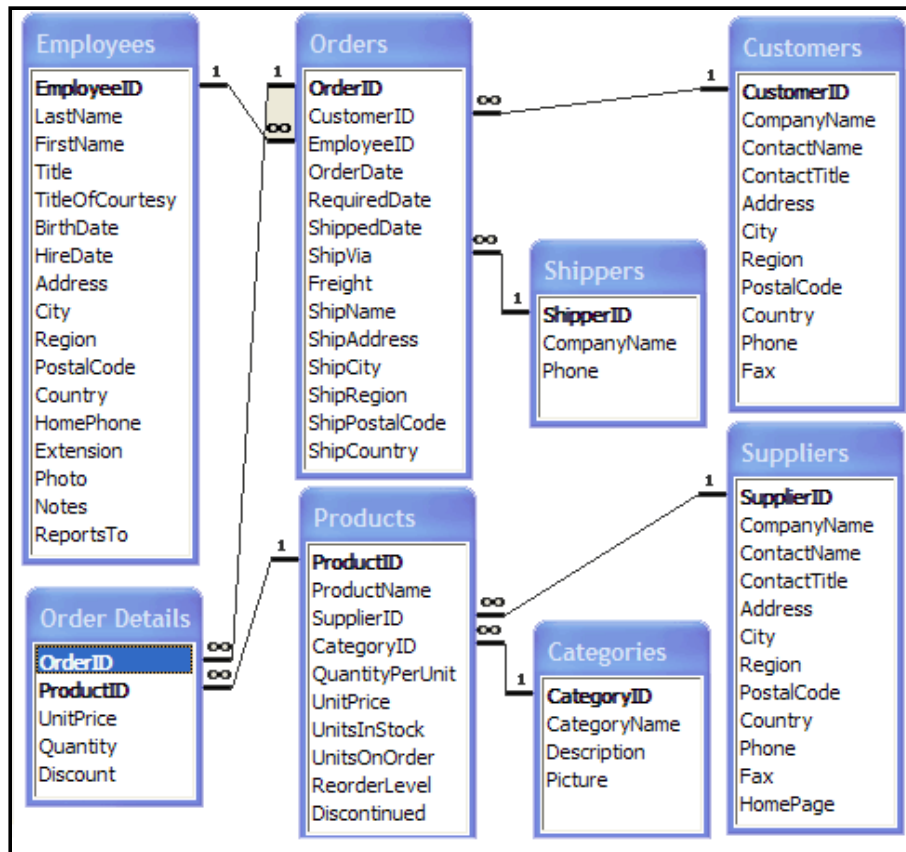
Feel free to experiment with any SQL statement.

You can restore the database at any time.

The Database includes:

Tablenames Records

Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196



Products 77
 Shippers 3
 Suppliers 29

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