






Lesson 3: Delete database objects

 docs.microsoft.com/en-us/sql/t-sql/lesson-3-deleting-database-objects

- 07/29/2018
- 2 minutes to read
- Contributors

APPLIES TO:  SQL Server (starting with 2008)  Azure SQL Database  Azure SQL Data Warehouse  Parallel Data Warehouse

This short lesson removes the objects that you created in Lesson 1 and Lesson 2, and then drops the database.

Before you delete objects, make sure you are in the correct database:

SQL

```
USE TestData;  
GO
```

Revoke stored procedure permissions

Use the **REVOKE** statement to remove execute permission for **Mary** on the stored procedure:

SQL

```
REVOKE EXECUTE ON pr_Names FROM Mary;  
GO
```

Drop permissions

1. Use the **DROP** statement to remove permission for **Mary** to access the **TestData** database:

SQL

```
DROP USER Mary;  
GO
```

2. Use the **DROP** statement to remove permission for **Mary** to access this instance of SQL Server 2005 (9.x):

SQL

```
DROP LOGIN [<computer_name>\Mary];  
GO
```

3. Use the **DROP** statement to remove the store procedure **pr_Names** :

SQL

```
DROP PROC pr_Names;  
GO
```

4. Use the **DROP** statement to remove the view **vw_Names** :

SQL

```
DROP VIEW vw_Names;  
GO
```

Delete table

1. Use the **DELETE** statement to remove all rows from the **Products** table:

SQL

```
DELETE FROM Products;  
GO
```

2. Use the **DROP** statement to remove the **Products** table:

SQL

```
DROP TABLE Products;  
GO
```

Remove database

You cannot remove the **TestData** database while you are in the database; therefore, first switch context to another database, and then use the **DROP** statement to remove the **TestData** database:

SQL

```
USE MASTER;  
GO  
DROP DATABASE TestData;  
GO
```

This concludes the Writing Transact-SQL Statements tutorial. Remember, this tutorial is a brief overview and it does not describe all the options to the statements that are used. Designing and creating an efficient database structure and configuring secure access to the data requires a more complex database than that shown in this tutorial.