

**SQL** Introduction SQL SELECT (I) SQL SELECT (II) **SQLJOIN SQL DATABASE & TABLE** SQL Insert, Update and Delete > **SQL** Constraints **SQL** Constraints **SQL Not Null Constraint SQL Unique Constraints SQL Primary Key SQL** Foreign Key SQL Check **SQL** Default **SQL** Create Index

Programiz

## **Related Topics SQL UNIQUE Constraint SQL** Constraints **SQL DEFAULT Constraint** SQL PRIMARY KEY SQL NOT NULL Constraint **SQL ALTER TABLE Statement**

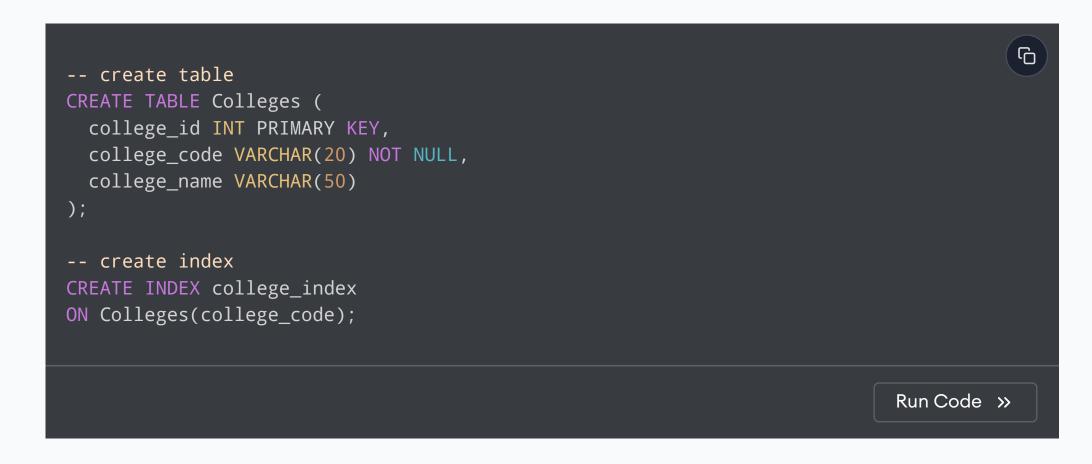
**SQL** Additional Topics

### SQL CREATE INDEX

Tutorials v Examples v Q Search tutorials and examples

In this tutorial, we'll learn about indexes in SQL and how to use them with examples.

In SQL, if a column has CREATE INDEX constraint, it's faster to retrieve data if we use that column for data retrieval. For example,



Here, the SQL command creates an index named [college\_index] on the [Colleges] table using the college\_code column.

Note: Since database systems are very fast by default, the difference in speed is noticeable only when we are working with a table that has a large number of records..

#### **CREATE UNIQUE INDEX for Unique Values**

If we want to create indexes for unique values in a column, we use the CREATE UNIQUE INDEX constraint. For example,

```
-- create unique index
CREATE UNIQUE INDEX college_index
ON Colleges(college_code);
```

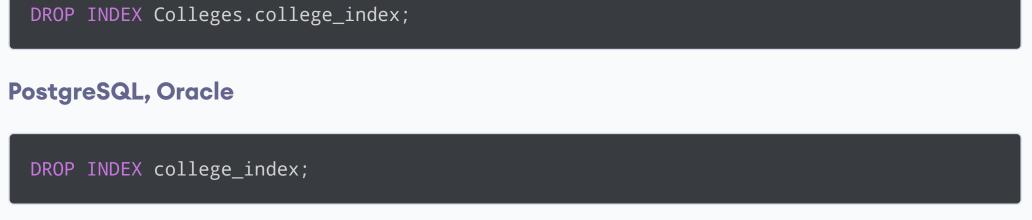
Here, the SQL command creates a unique index named [college\_index] on the [Colleges] table using the college\_code column.

Note: Although the index is created for only unique values, the original data in table remains unaltered.

#### **Remove Index From Tables**

To remove **index** from a table, we can use the DROP INDEX command. For example,

**SQL Server** 

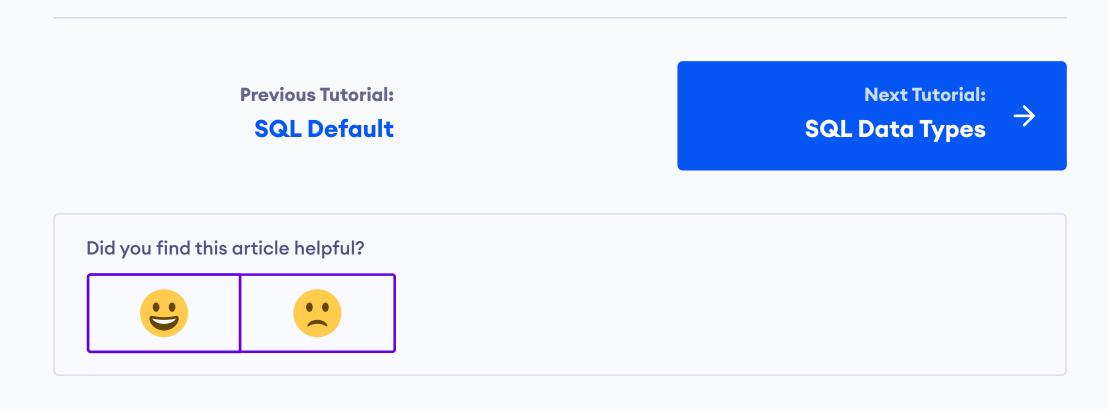


MySQL

```
ALTER TABLE Colleges
DROP INDEX college_index;
```

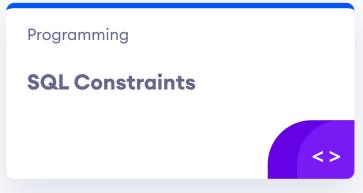
Here, the SQL command removes the college\_index constraint from the Colleges table.

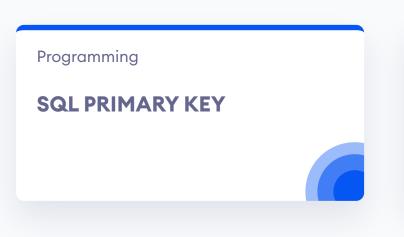
Note: Deleting an index means the index is only deleted. The data in the original table remains unaltered.

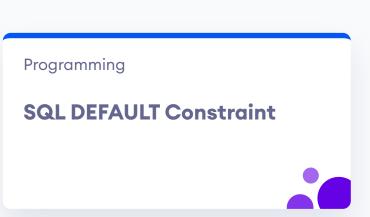


## **Related Tutorials**









# Programiz



Tutorials	Examples	Company	Apps
Python 3 Tutorial	Python Examples	About	Learn Python
JavaScript Tutorial	JavaScript Examples	Advertising	Learn C Programming
SQL Tutorial	C Examples	Privacy Policy	Learn Java
C Tutorial	Java Examples	Terms & Conditions	
Java Tutorial	Kotlin Examples	Contact	
Kotlin Tutorial	C++ Examples	Blog	
C++ Tutorial		Youtube	
Swift Tutorial			
C# Tutorial			
Go Tutorial			
DSA Tutorial			