A database is a collection of data that is specifically organized for rapid search and retrieval processed by a computer.

SQL(Structured Query Language) is a domain-specific programming language designed to handle data in tables.

To create a new database, you can use this query template:

CREATE DATABASE database\_name;

The following template is used to drop the database;

DROP DATABASE database\_name;

To create a new table, follow this general template:

CREATE TABLE table\_name(

column\_1 column\_1\_type,

column\_2 column\_2\_type,

...,

Column\_n column\_n\_type

);

To delete a table, use this statement:

DROP TABLE table\_name;

A template for a basic SELECT statement: the SELECT keyword, a list of values to extract with optional aliases for them, and a semicolon to indicate the end of the statement:

SELECT val1 [AS name1], ..., valN [AS nameM];

The overall template for statements that extract data from a table and evaluate expressions in it: keyword SELECT, list of expressions with optional aliases, keyword FROM, table name, and a semicolon to mark the end of the statement.

SELECT

exp1 [AS alias1], ..., expN [AS aliasN]

FROM

table\_name

;