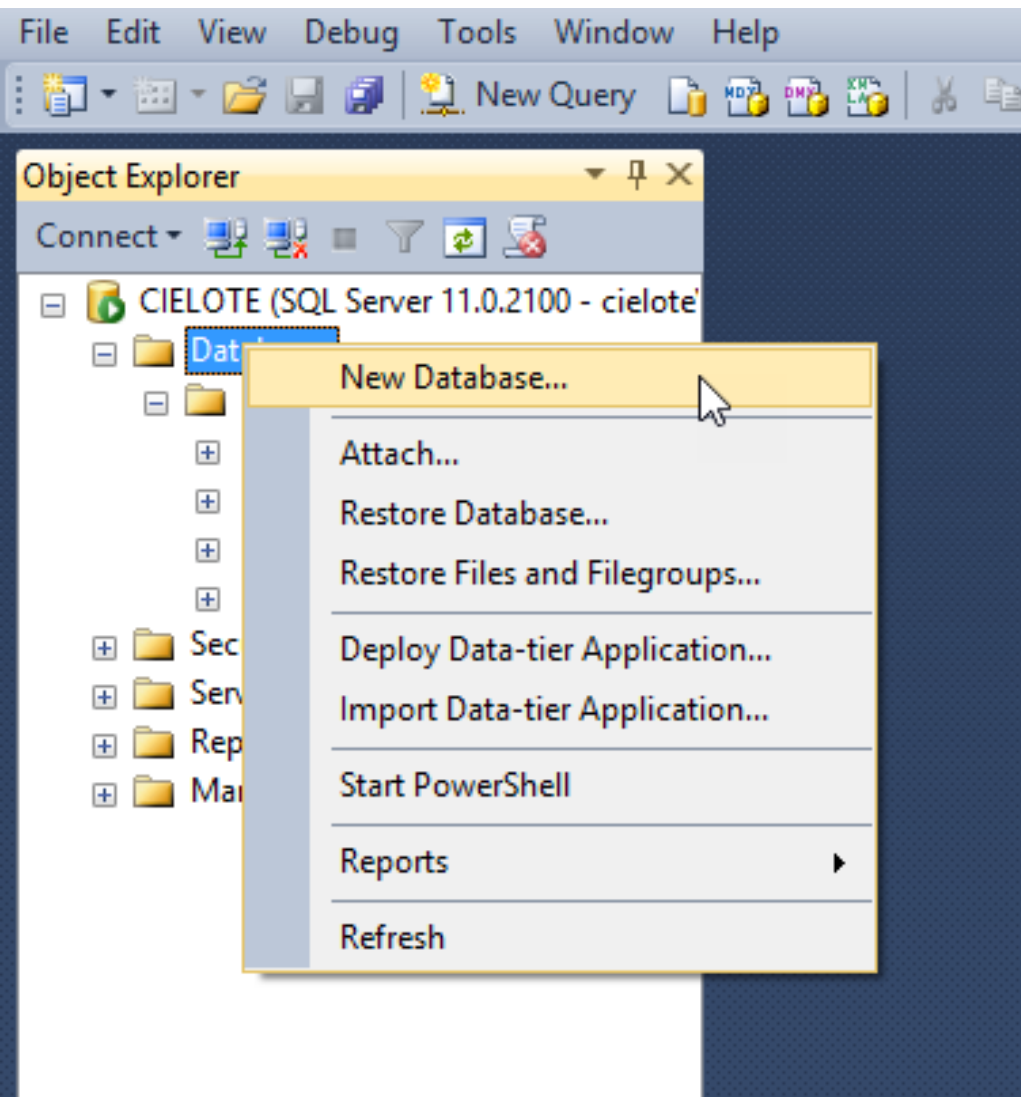
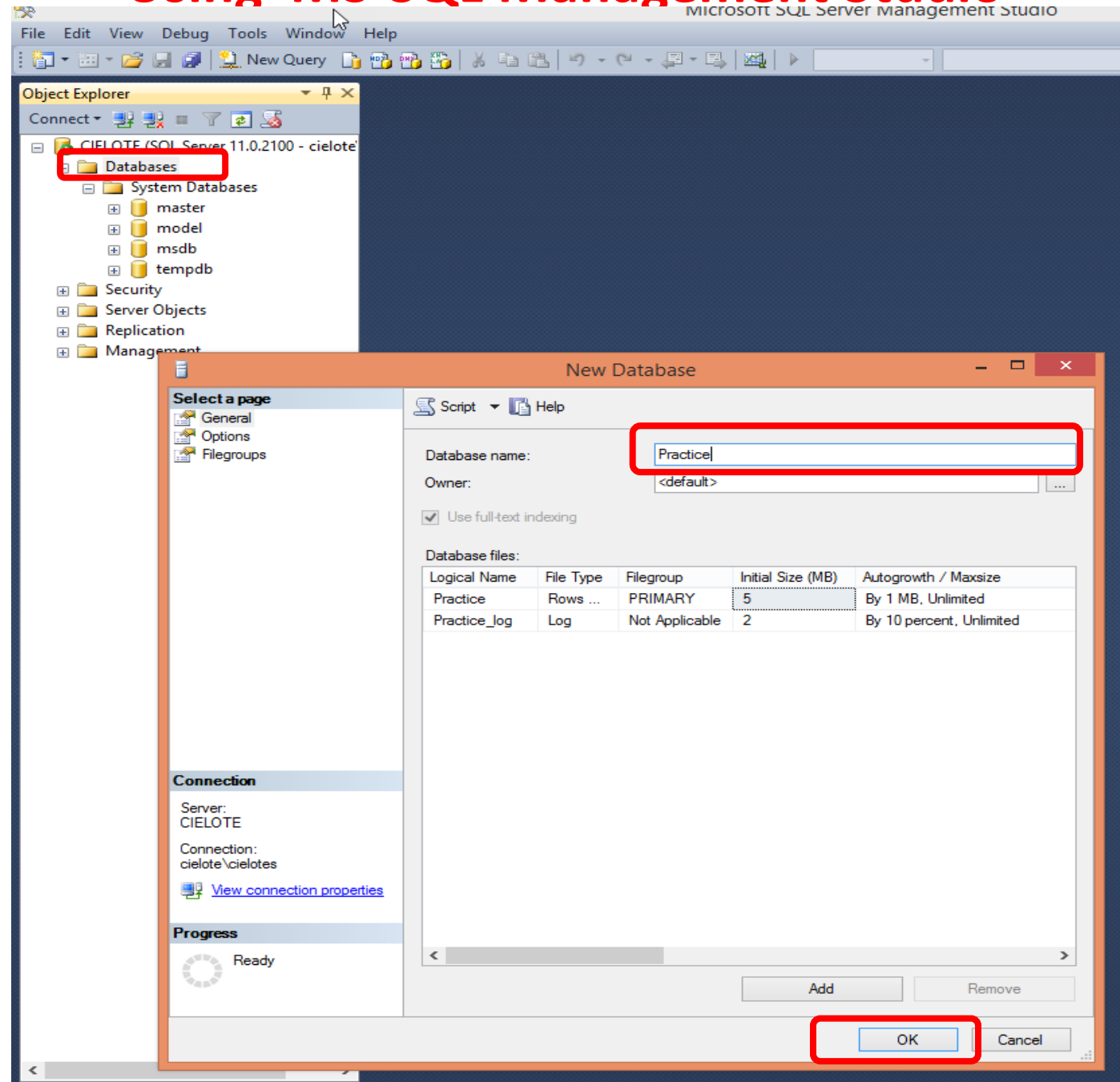


Creation of Databases

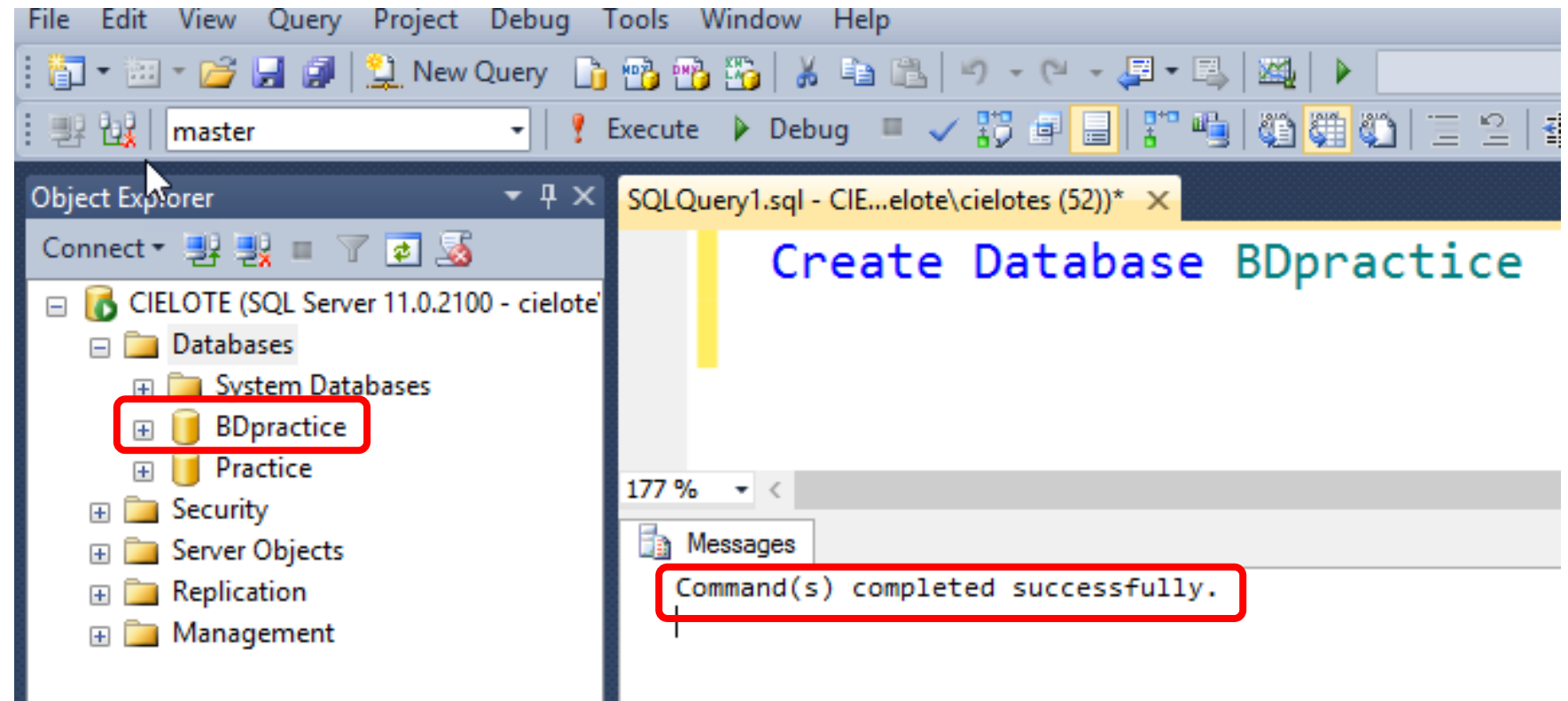
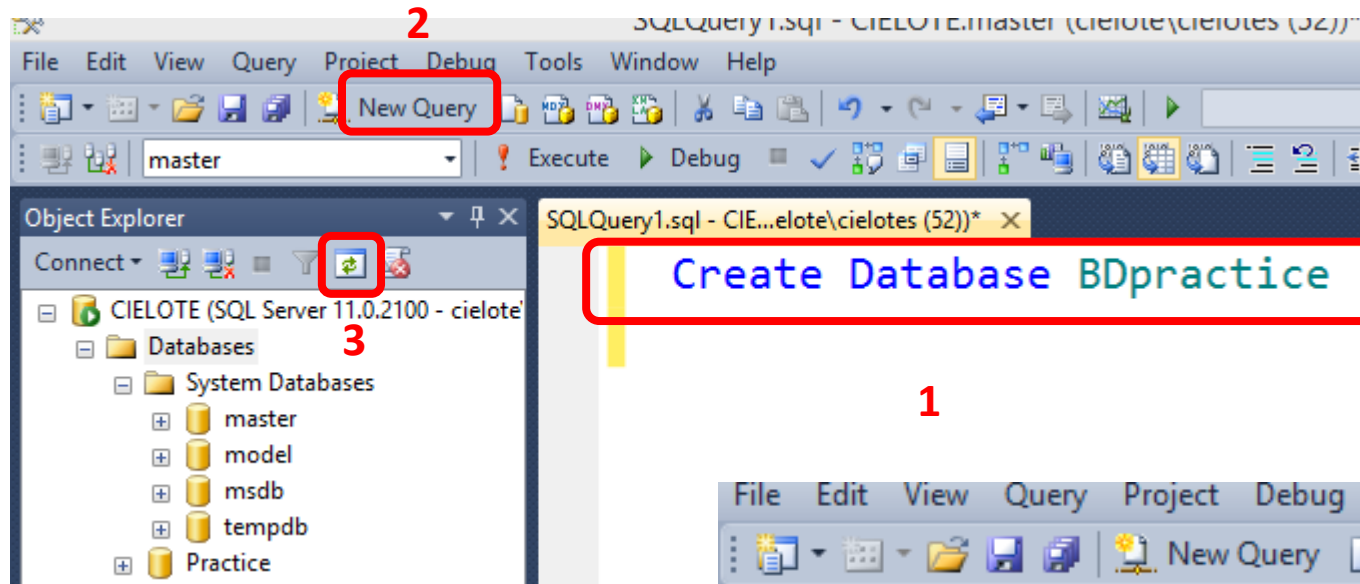


Using MS-SQL Management Studio

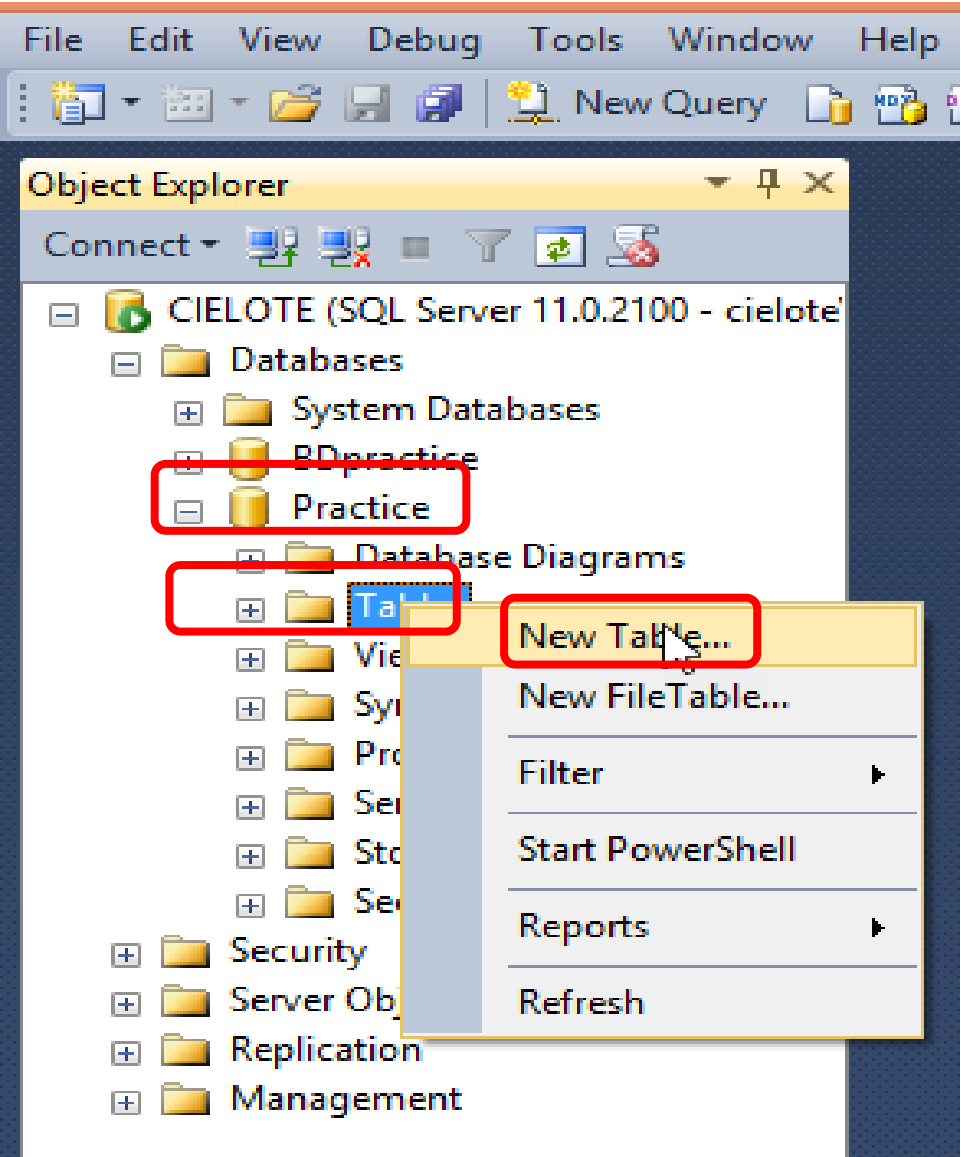


Creation of Databases

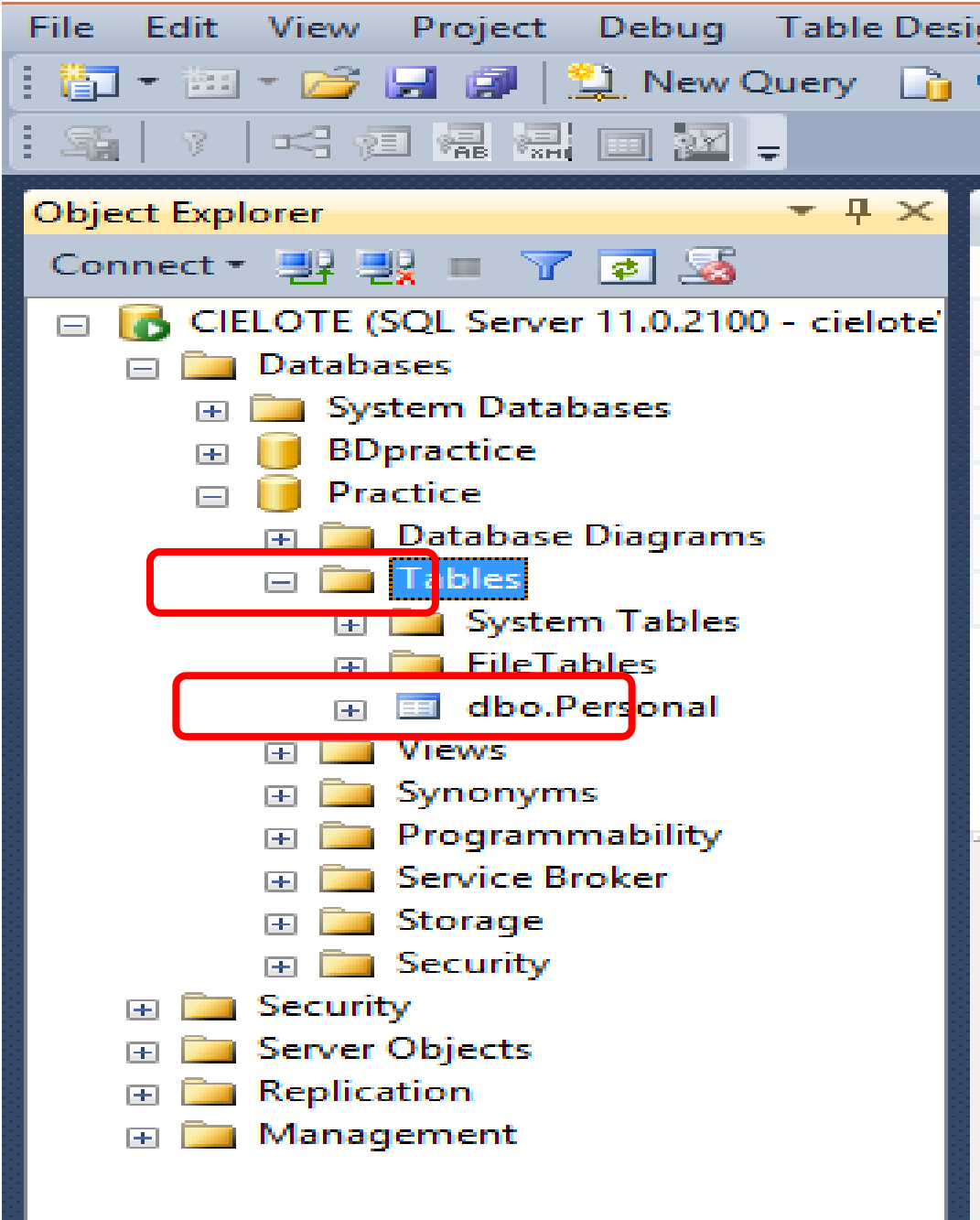
Using SQL statement



Creation of Tables



Using MS-SQL Management Studio



What is SQL?

- SQL stands for Structured Query Language
- SQL lets you access and manipulate databases
- SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987

What Can SQL do?

- SQL can execute queries against a database
- SQL can retrieve data from a database
- SQL can insert records in a database
- SQL can update records in a database
- SQL can delete records from a database
- SQL can create new databases
- SQL can create new tables in a database
- SQL can create stored procedures in a database
- SQL can create views in a database
- SQL can set permissions on tables, procedures, and views

The SQL CREATE DATABASE Statement

The CREATE DATABASE statement is used to create a new SQL database.

Syntax

```
CREATE DATABASE databasename;
```

Creation of Tables

Using SQL statement

```
CREATE TABLE table_name (  
    column1 datatype(length),  
    column2 datatype (length),,  
    column3 datatype (length),  
    ....  
)
```

Drop Databases

```
DROP DATABASE databasename;
```

Drop Table

```
DROP TABLE table_name;
```

The SQL INSERT INTO Statement

```
INSERT INTO table_name (column1, column2, column3, ...)
VALUES (value1, value2, value3, ...);
```

```
INSERT INTO Client(first_name,last_name,phone,email,subject,message)
VALUES('$first_name', '$last_name', '$phone' , '$email', '$subject', '$message')
```

INSERT MULTIPLE VALUES IN A TABLE

```
INSERT INTO client (First_name, Last_Name, Email, Phone, Subject, Message)
VALUES ('John', 'Doe', 'john@example.com', '(514)111-2222', 'Information', 'Ask information'),
       ('Jack', 'Jones', 'jack@example.com', '(514)222-3333', 'Budget', 'Ask for budget'),
       ('Mary', 'Tyler', 'mary@example.com', '(514)333-4444', 'Payment', 'Ask for payment'),
       ('Bob', 'Hope', 'bob@example.com', '(514)444-5555', 'Show', 'Ask for show');
```


DELETE RECORDS FROM A TABLE

```
DELETE FROM table_name  
WHERE condition;
```

```
DELETE FROM client WHERE First_Name = 'Bob'
```