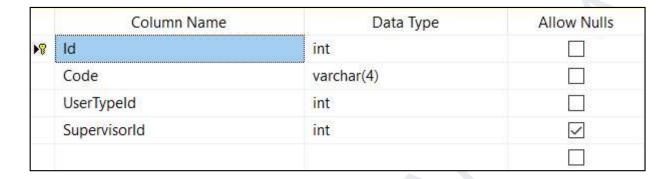
# 4. DDL Commands (CREATE, ALTER, DROP and TRUNCATE) in SQL Server

#### **Users Table:**



### **UserTypes:**

	Column Name	Data Type	Allow Nulls
₽₽	ld	int	
	Description	varchar(20)	

## **Create Tables**

Using the below query you can create the same tables programmatically.

#### Script:

```
-- Create Users Table

CREATE TABLE Users(
    Id INT NOT NULL,
    Code VARCHAR(4) NOT NULL,
    UserTypeId INT NOT NULL,
    SupervisorId INT NULL,
    PRIMARY KEY (Id)
);

-- Create UserTypes Table

CREATE TABLE UserTypes (
    Id INT NOT NULL,
    Description VARCHAR(20) NOT NULL,
    PRIMARY KEY (Id)
```

```
);
```

Select the database before you execute any query. Otherwise, it will be executed in the wrong database.

## **List Tables**

Below is the SQL script to list all tables.

#### Script:

```
SELECT sysobjects.[name]
FROM sysobjects
WHERE sysobjects.xtype = 'U';
```

# **Modify Tables**

The below script will show how to delete the "SupervisorId" row and recreate it again.

#### Script:

```
ALTER TABLE Users DROP COLUMN SupervisorId;
ALTER TABLE Users ADD SupervisorId INT NULL;
```

# **Delete Tables**

Below syntax is used to delete a table from a database.

```
DROP TABLE Table1;
```

The Below script will delete the User table.

#### Script:

```
DROP TABLE User;
```