

Task

1. CREATE Database

Task 1: Create a Database

- Create a new database named store_db.

Answer : CREATE DATABASE store_db;

Task 2: Use the Database

- Switch to the store_db database.

Answer : use store_db

2. CREATE Tables

Task 3: Create an Orders Table

- Create a table named Orders with the following columns:
 - OrderID (integer, primary key, auto-increment)
 - OrderDate (date, not null)
 - CustomerID (integer, not null)
 - TotalAmount (decimal(10, 2), not null)

Answer :

```
CREATE TABLE Orders (  
    OrderID INT PRIMARY KEY AUTO_INCREMENT,  
    OrderDate DATE NOT NULL,  
    CustomerID INT NOT NULL,  
    TotalAmount decimal(10,2) NOT NULL  
);
```

Task 4: Create a Customers Table

- Create a table named Customers with the following columns:
 - CustomerID (integer, primary key, auto-increment)

- CustomerName (nvarchar(50), not null)
- Email (nvarchar(100), not null)
- Country (varchar(50), not null)

Answer :

```
CREATE TABLE Customers (
    CustomerID INT PRIMARY KEY AUTO_INCREMENT,
    CustomerName NVARCHAR(50) NOT NULL,
    Email NVARCHAR(100), NOT NULL,
    Country NVARCHAR(50), NOT NULL,
);
```

3. ALTER Tables

Task 5: Add a New Column to Orders Table

- Add a new column Status (nvarchar(20)) to the Orders table.

Answer :

```
ALTER TABLE Orders
ADD Status NVARCHAR(20);
```

Task 6: Modify a Column in Customers Table

- Modify the Email column in the Customers table to have a size of 150 characters.

Answer :

```
ALTER TABLE Customers
MODIFY Email NVARCHAR(150) NOT NULL;
```

Task 7: Drop a Column from Orders Table

- Drop the Status column from the Orders table.

Answer :

```
ALTER TABLE Orders
DROP Status
```

4. DROP Tables

Task 8: Drop the Orders Table

- Drop the Orders table.

Answer : DROP TABLE Orders

Task 9: Drop the Customers Table

- Drop the Customers table.

Answer : DROP TABLE Customers

5. DROP Database

Task 10: Drop the Database

- Drop the store_db database.

Answer : DROP DATABASE store_db