```sql
--THIS PROJECT IS A DESIGN OF A DATABASE TO SHOW THE  RELATIONSHIP BETWEEN VARIOUS
--DEPARTMENT OF A PRODUCTION COMPANY USING DATA DEFINITION LANGUAGE (DDL)
CREATE DATABASE DDL;
USE DDL;

--PRODUCTS TABLE

CREATE TABLE PRODUCTS(
PRODUCT_ID INT PRIMARY KEY,
PRODUCT_NAME VARCHAR(50) NOT NULL UNIQUE,
PRODUCT_PRICE DECIMAL(5,2) CHECK(PRODUCT_PRICE>0)NOT NULL

);

--CUSTOMER TABLE

CREATE TABLE CUSTOMER(
    CUSTOMER_ID INT PRIMARY KEY,
    CUSTOMER_NAME VARCHAR(100) NOT NULL,
    CUSTOMER_ADDRESS VARCHAR(100)NOT NULL
);

--ORDERS TABLE
CREATE TABLE ORDERS(
    ORDER_ID INT PRIMARY KEY,
    CUSTOMER_ID INT NOT NULL,
    PRODUCT_ID INT NOT NULL,
    QUANTITY INT NOT NULL,
    ORDER_DATE DATE NOT NULL,
   FOREIGN KEY(CUSTOMER_ID )REFERENCES CUSTOMER(CUSTOMER_ID ),
FOREIGN KEY(PRODUCT_ID )REFERENCES PRODUCTS(PRODUCT_ID )
);
```