

```
1  mysql> SOURCE C:\ISTE230\PE\PE06\Lynch_Week8.sql
2  -----
3  -- Lynch, Connor
4  -----
5
6  Query OK, 0 rows affected (0.00 sec)
7
8  -----
9  -- ISTE230, Fall 2024
10 -----
11
12 Query OK, 0 rows affected (0.00 sec)
13
14 -----
15 -- PE06
16 -----
17
18 Query OK, 0 rows affected (0.00 sec)
19
20 -----
21 DROP DATABASE IF EXISTS PE06
22 -----
23
24 Query OK, 5 rows affected (0.03 sec)
25
26 -----
27 CREATE DATABASE PE06
28 -----
29
30 Query OK, 1 row affected (0.00 sec)
31
32 Database changed
33 -----
34 CREATE TABLE Customer(
35     CustID          varchar(20) NOT NULL PRIMARY KEY,
36     CustName        varchar(30) NOT NULL,
37     CustContact     varchar(50) NOT NULL
38 )
39 -----
40
41 Query OK, 0 rows affected (0.01 sec)
42
43 -----
44
```

```
45 CREATE TABLE Product(  
46     ProductID          varchar(20) NOT NULL PRIMARY KEY,  
47     ProdDescription    varchar(50) NOT NULL,  
48     UnitPrice          DECIMAL(9,2) NOT NULL  
49 )  
50 -----  
51  
52 Query OK, 0 rows affected (0.01 sec)  
53  
54 -----  
55 CREATE TABLE PO_Detail(  
56     PO                  varchar(20) NOT NULL PRIMARY KEY,  
57     CustID              varchar(20) NOT NULL,  
58     ProductID           varchar(20) NOT NULL,  
59     Quantity            SMALLINT UNSIGNED NOT NULL,  
60     CONSTRAINT PODetail_Customer_CustID_FK FOREIGN KEY(CustID) REFERENCES Customer(CustID),  
61     CONSTRAINT PODetail_Product_ProductID_FK FOREIGN KEY(ProductID) REFERENCES Product(ProductID)  
62 )  
63 -----  
64  
65 Query OK, 0 rows affected (0.01 sec)  
66  
67 -----  
68  
69 CREATE TABLE PO(  
70     PO                  varchar(20) NOT NULL PRIMARY KEY,  
71     OrderDate           DATE NOT NULL,  
72     BillToAddress       varchar(75) NOT NULL,  
73     ShipToAddress       varchar(75) NOT NULL,  
74     CONSTRAINT PO_PODetail_PO_FK FOREIGN KEY(PO) REFERENCES PO_Detail(PO)  
75 )  
76 -----  
77  
78 Query OK, 0 rows affected (0.01 sec)  
79  
80 -----  
81  
82 CREATE TABLE Paid_PO(  
83     PO                  varchar(20) NOT NULL,  
84     Date                DATE NOT NULL,  
85     Amount              DECIMAL(9,2) NOT NULL,  
86     CONSTRAINT PaidPO_PODetail_PO_FK FOREIGN KEY(PO) REFERENCES PO_Detail(PO),  
87     CONSTRAINT PO_Date_PK PRIMARY KEY(PO, Date)  
88 )
```

```
89  -----
90
91  Query OK, 0 rows affected (0.01 sec)
92
93  -----
94
95  SHOW TABLES
96  -----
97
98  +-----+
99  | Tables_in_pe06 |
100 +-----+
101 | customer       |
102 | paid_po        |
103 | po             |
104 | po_detail      |
105 | product        |
106 +-----+
107 5 rows in set (0.00 sec)
108
109 mysql> NOTEE
110
```