

```
mysql> CREATE TABLE doctor (  
-> dssn VARCHAR(11) NOT NULL,  
-> dname VARCHAR(20),  
-> specialty VARCHAR(50),  
-> PRIMARY KEY(dssn)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> CREATE TABLE prescription(  
-> dssn VARCHAR(11) NOT NULL,  
-> pre_no VARCHAR(4) NOT NULL,  
-> pdate DATE,  
-> PRIMARY KEY(dssn, pre_no),  
-> FOREIGN KEY(dssn) REFERENCES doctor(dssn)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> CREATE TABLE ph_company(  
-> pname VARCHAR(20) NOT NULL,  
-> phone VARCHAR(15) NOT NULL,  
-> PRIMARY KEY(PNAME)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> CREATE TABLE drug (  
-> pname VARCHAR(20) NOT NULL,  
-> trade_name VARCHAR(20) NOT NULL,  
-> formula VARCHAR(100) NOT NULL,  
-> PRIMARY KEY(pname, trade_name),  
-> FOREIGN KEY(pname) REFERENCES ph_company(pname)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> CREATE TABLE consist_of(  
-> dssn VARCHAR(11) NOT NULL,  
-> pre_no VARCHAR(4) NOT NULL,  
-> pname VARCHAR(20) NOT NULL,  
-> trade_name VARCHAR(20) NOT NULL,  
-> PRIMARY KEY(dssn, pre_no, pname, trade_name),  
-> FOREIGN KEY(dssn, pre_no) REFERENCES prescription(dssn, pre_no),  
-> FOREIGN KEY(pname, trade_name) REFERENCES drug(pname, trade_name)  
-> );  
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> CREATE TABLE pharmacy(  
-> pcy_name VARCHAR(20) NOT NULL,  
-> address VARCHAR(20),  
-> phone VARCHAR(15),  
-> PRIMARY KEY(pcy_name)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> CREATE TABLE sell(  
-> pharmacy_name VARCHAR(20) NOT NULL,  
-> pname VARCHAR(20) NOT NULL,  
-> trade_name VARCHAR(20) NOT NULL,  
-> price VARCHAR(10),  
-> PRIMARY KEY(pharmacy_name, pname, trade_name),  
-> FOREIGN KEY(pharmacy_name) REFERENCES pharmacy(pcy_name)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

```
-> );
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> INSERT INTO doctor (dssn, dname, specialty)
```

```
-> VALUES ('12345678910', 'Mark', 'Blood');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO prescription (dssn, pre_no, pdate)
```

```
-> VALUES ('12345678910', '5436', '2003-12-08');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO ph_company (pname, phone)
```

```
-> VALUES ('Advil', '123-456-7890');
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO drug(pname, trade_name, formula)
```

```
-> VALUES ('Advil', 'things', 'sh0sle49');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO consist_of(dssn, pre_no, pname, trade_name)
```

```
-> VALUES ('12345678910', '5436', 'Advil', 'things');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO pharmacy(pcy_name, address, phone)
```

```
-> VALUES ('Pharm', 'things-street', '123-456-7890');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO sell(pharmacy_name, pname, trade_name, price)
```

```
-> VALUES ('Pharm', 'Advil', 'things', '$4235');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO sell(pharmacy_name, pname, trade_name, price)
```

```
-> VALUES ('Pharm', 'Advil', '567-456-7890', '$4235');
```

```
Query OK, 1 row affected (0.00 sec)
```

Query OK, 1 row affected (0.00 sec)

```
mysql> DELETE FROM sell  
      -> WHERE pharmacy_name = 'Thing';  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql>  
mysql> UPDATE drug  
      -> SET formula = '123ABC'  
      -> WHERE pname = 'Advil';  
Query OK, 1 row affected (0.01 sec)  
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> DROP TABLE sell;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> DROP TABLE consist_of;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> DROP TABLE drug;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> DROP TABLE prescription;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> DROP TABLE pharmacy;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> DROP TABLE ph_company;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> DROP TABLE doctor;  
Query OK, 0 rows affected (0.01 sec)
```