Assignment 6

```
mysql> create table customers(custid int, name varchar(20), address varchar(20));
ERROR 1046 (3D000): No database selected
mysql> create database order_management;
Query OK, 1 row affected (0.02 sec)

mysql> use order_management;
Database changed
mysql> create table customers(custid int, name varchar(20), address varchar(20));
Query OK, 0 rows affected (0.03 sec)

mysql> create table shop(item_id int, item_name varchar(20), qty int, price float);
Query OK, 0 rows affected (0.05 sec)

mysql> create table orders(order_id int, cust_id int, item_id int, qty_ordered int);
Query OK, 0 rows affected (0.02 sec)

mysql> create table payment(payment_id int, cust_id int, order_id int, status varchar(20));
Query OK, 0 rows affected (0.06 sec)

mysql> show tables;
+---------------------------+
| Tables_in_order_management |
+---------------------------+
| customers                 |
| orders                    |
| payment                   |
| shop                      |
+---------------------------+
4 rows in set (0.04 sec)
```

```
mysql> alter table shop add primary key(item_id);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table orders add foreign key(item_id) references shop(item_id);
Query OK, 0 rows affected (0.07 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table payment add primary key(payment_id);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table payment add foreign key(cust_id) references customers(custid);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table payment add foreign key(order_id) references orders(order_id);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> alter table payment drop primary key;
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> desc payment;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| payment_id | int         | NO   |     | NULL    |       |
| cust_id    | int         | YES  | MUL | NULL    |       |
| order_id   | int         | YES  | MUL | NULL    |       |
| status     | varchar(20) | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```