Exercise 3 on Database Management By ANINDYA GUHA

1. Create Database

```
create database db_orders' at line 2
mysql> create database db_orders;
Query OK, 1 row affected (0.00 sec)
mysql> use db_orders;
```

2. Design Schema

```
mysql> create table order1(oid bigint(20) NOT NULL AUTO_INCREMENT,cust_id bigint
(20) NOT NULL,cust_name varchar(30),sp_id bigint(20),primary key(oid));
Query OK, 0 rows affected (0.03 sec)

mysql> create table sales(sp_id bigint(20) NOT NULL ,cust_id bigint(20) NOT NULL
,sp_name varchar(30),primary key(sp_id));
Query OK, 0 rows affected (0.02 sec)

mysql> []
```

3. Create tables

```
mysql> create table order1(oid bigint(20) NOT NULL AUTO_INCREMENT,cust_id bigint
(20) NOT NULL,cust_name varchar(30),sp_id bigint(20),primary key(oid));
Query OK, 0 rows affected (0.03 sec)

mysql> create table sales(sp_id bigint(20) NOT NULL ,cust_id bigint(20) NOT NULL
,sp_name varchar(30),primary key(sp_id));
Query OK, 0 rows affected (0.02 sec)

mysql> [
```

4. Insert sample data

```
mysql> select * from order1;
  oid | cust_id | cust_name | sp_id
                 bshg
              1
                  ani
                                   2
              2
                  sab
              3 | dip
4 rows in set (0.00 sec)
mysql> select * from sales;
 sp_id | cust_id | sp_name
                   wdwd
      2
                2
                    gdgd
                3 | gdgd
 rows in set (0.00 sec)
```

5. Find the sales person have multiple orders.

6. Find the all sales person details along with order details

7. Create index

```
mysql> create index index1 on order1 (cust_name, cust_id);
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

8. How to show index on a table

9. Find the order number, sale person name, along with the customer to whom that order belongs to