Problem Statement: There can be multiple customers, who can place multiple orders on the site. Now a sales person can handle these orders will distribute into multiple sales persons (One order will be assign to one salesperson only). So a sales person can have multiple orders of multiple customers

1. Create Database

```
mysql> create database on_sell;
Query OK, 1 row affected (0.00 sec)
mysql> use on_sell;
Database changed
```

2. Design Schema

```
mysql>
mysql> desc customers;
         | Type
| Field
                                | Null | Key | Default | Extra
2 rows in set (0.00 sec)
mysql> desc orders;
| Field
                             | Null | Key | Default | Extra
             | int(11)
| varchar(20)
| int(11)
| int(11)
                                           NULL
NULL
NULL
NULL
                                     PRI |
                                                      auto increment
 order
c_id
s_id
4 rows in set (0.00 sec)
mysql> desc salesperson;
                            | Field
 sales_id | int(20) | NO
sales_name | varchar(20) | YES
                                                      auto increment
                                     PRI | NULL
| NULL
2 rows in set (0.00 sec)
mysql> 🗌
```

3. Create tables

```
mysql> select sales_name,order_id from salesperson JOIN orders ON salesperson.sales_id=orders.s_id and 1<(select count(*) from orders where salesperson.sales_id=orders.s_id and 1<(select count(*)
```

4. Find the sales person have multiple orders.

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

```
mysql> select s.sales_id,s.sales_name,o.order_id from salesperson s , orders o where s.sales_id=o.s_id;

| sales_id | sales_name | order_id |
| 1 | Rahul | 4 |
| 2 | Vishwas | 8 |
| 3 | Harshit | 5 |
| 4 | Sumit | 2 |
| 4 | Sumit | 7 |
| 5 | Sarvesh | 1 |
| 5 | Sarvesh | 10 |
| 6 | Bindeshwar | 3 |
| 7 | Raj | 9 |
```

6. Create index

```
mysql> create index order_id_index on salesperson(sales_id);
Query OK, 0 rows affected (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

7. How to show index on a table,

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