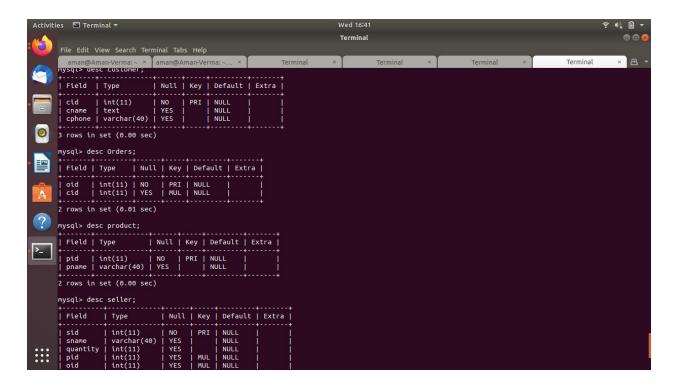
Sol 1.

Sol 2.



Sol 3.

Sol 4.

Sol 5.

```
mysql> select sname,count(*) from seller group by sname having count(*)>1;

| sname | count(*) |

| selb | 2 |
| self | 2 |
| self | 2 |

2 rows in set (0.01 sec)

...

mysql> []
```

Sol 6.

```
mysql> select s.sid, s.sname,s.quantity,o.old from seller s inner join Orders o where s.old=o.old;

| sid | sname | quantity | old |
| 1 | selA | 10 | 1004 |
| 2 | selB | 1 | 1008 |
| 3 | selC | 5 | 1009 |
| 4 | selD | 5 | 1006 |
| 5 | selE | 6 | 1007 |
| 6 | selF | 1 | 1007 |
| 7 | selF | 10 | 1006 |
| 8 | selD | 5 | 1003 |

8 rows in set (0.00 sec)

| mysql> |
```

Sol 7.

```
mysql> select * from student;

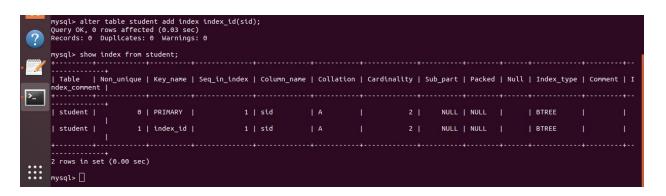
| sid | name | age |
| 1 | A | 22 |
| 2 | B | 23 |
| 2 | rows in set (0.00 sec)

mysql> alter table student add index index_id(sid);
Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> 
| mysql> |
```

Sol 8.



Sol 9.

```
| mysql> select o.oid, c.cname, s.sname from Orders o inner join customer c on(c.cid=o.cid) inner join seller s on (s.oid=o.oid);
| oid | cname | sname |
| 1003 | cusA | selD |
| 1004 | cusB | selA |
| 1009 | cusD | selD |
| 1006 | cusD | selD |
| 1006 | cusD | selF |
| 1008 | cusE | selB |
| 1007 | cusE | selE |
| 1007 | cusE | selF |
| 8 rows in set (0.01 sec)
| mysql> |
```