

```
mysql> use demo;
Database changed
mysql>
mysql>
mysql> create table worker(
    -> worker_id int,
    -> name varchar(20),
    -> address varchar(50),
    -> constraint pk_worker_id primary key(worker_id)
    -> );
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> insert into worker(worker_id, name, address)
values(1,'Jhon','Lakeview')
    -> ;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into worker(worker_id, name, address)
values(2,'Jacob','Mountain Shadow');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into worker(worker_id, name, address)
    -> values(3,'Hary','Green Valley'),(4,'Henry','Lakeview');

Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql>
mysql> table worker;
+-----+-----+-----+
| worker_id | name  | address      |
+-----+-----+-----+
|          1 | Jhon  | Lakeview     |
|          2 | Jacob | Mountain Shadow |
|          3 | Hary  | Green Valley  |
|          4 | Henry | Lakeview     |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> create table workskill(
    -> worker_id int,
    -> skill varchar(40),
    -> constraint fk_worker_id foreign key(worker_id) references
worker(worker_id)
    -> );
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> insert into workskill(worker_id, skill)values(1,'Gold Smith');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into workskill(worker_id, skill)values(1,'Tin Smith');
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into workskill(worker_id, skill)values(2,'Carpenter')
-> ;
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into workskill(worker_id,
skill)values(2,'Barber'),(2,'Weaver');
```

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> insert into workskill(worker_id,
skill)values(3,'Farmer'),(4,'Painter');
```

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> insert into workskill(worker_id, skill)values(null,'Driver');
```

Query OK, 1 row affected (0.00 sec)

```
mysql> table workskill;
```

worker_id	skill
1	Gold Smith
1	Tin Smith
2	Carpenter
2	Barber
2	Weaver
3	Farmer
4	Painter
NULL	Driver

8 rows in set (0.00 sec)

```
mysql> desc worker;
```

Field	Type	Null	Key	Default	Extra
worker_id	int	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
address	varchar(50)	YES		NULL	

3 rows in set (0.01 sec)

```
mysql> table worker;
```

worker_id	name	address
1	Jhon	Lakeview
2	Jacob	Mountain Shadow
3	Hary	Green Valley
4	Henry	Lakeview

4 rows in set (0.00 sec)

```
mysql> desc workskill;
```

Field	Type	Null	Key	Default	Extra
worker_id	int	YES	MUL	NULL	
skill	varchar(40)	YES		NULL	

2 rows in set (0.00 sec)

```
mysql> table workskill;
```

worker_id	skill
1	Gold Smith
1	Tin Smith
2	Carpenter
2	Barber
2	Weaver
3	Farmer
4	Painter
NULL	Driver

8 rows in set (0.00 sec)

Answer :

```
mysql> select name, address, skill, count(*)
from worker a inner join workskill b on a.worker_id = b.worker_id group
by name;
```

name	address	skill	count(*)
Jhon	Lakeview	Gold Smith	2
Jacob	Mountain Shadow	Carpenter	3
Hary	Green Valley	Farmer	1
Henry	Lakeview	Painter	1

4 rows in set (0.00 sec)

```
mysql> select name, address, skill, count(*)
from worker a inner join workskill b on a.worker_id = b.worker_id group
by name having count(*)>1;
```

name	address	skill	count(*)
Jhon	Lakeview	Gold Smith	2
Jacob	Mountain Shadow	Carpenter	3

2 rows in set (0.00 sec)