

```
mysql> create database emp1;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use emp1;
Database changed
```

```
mysql> create table emp1(empno int,ename varchar(20),sal int);
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc emp1;
```

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	varchar(20)	YES		NULL	
sal	int	YES		NULL	

```
3 rows in set (0.01 sec)
```

```
mysql> insert into emp1(empno,ename,sal) values(21,'tej',25000),(20,'nikhil',22000),(19,'sunny',23000),(24,'jay',30000),(25,'john',26000);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

```
mysql> select * from emp1;
```

empno	ename	sal
21	tej	25000
20	nikhil	22000
19	sunny	23000
24	jay	30000
25	john	26000

```
5 rows in set (0.00 sec)
```

```
mysql> select * from emp1 order by emp1,sal asc;
ERROR 1054 (42S22): Unknown column 'emp1' in 'order clause'
mysql> select * from emp1 order by emp,sal asc;
ERROR 1054 (42S22): Unknown column 'emp' in 'order clause'
mysql> select * from emp1 order by emp1.sal asc;
```

```
mysql> select * from emp1 order by emp1.sal asc;
```

empno	ename	sal
20	nikhil	22000
19	sunny	23000
21	tej	25000
25	john	26000
24	jay	30000

```
5 rows in set (0.00 sec)
```

```
mysql> select * from emp1 order by emp1.sal desc;
```

empno	ename	sal
24	jay	30000
25	john	26000
21	tej	25000
19	sunny	23000
20	nikhil	22000

```
5 rows in set (0.00 sec)
```

```
mysql> create database customers;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use customers;
```

```
Database changed
```

```
mysql> create table customers(custid int,cname varchar(20),contactname varchar(20),address varchar(50),city varchar(20),postalcode int,country varchar(15));
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc customers;
```

Field	Type	Null	Key	Default	Extra
custid	int	YES		NULL	
cname	varchar(20)	YES		NULL	
contactname	varchar(20)	YES		NULL	
address	varchar(50)	YES		NULL	

```
mysql> desc customers;
```

Field	Type	Null	Key	Default	Extra
custid	int	YES		NULL	
cname	varchar(20)	YES		NULL	
contactname	varchar(20)	YES		NULL	
address	varchar(50)	YES		NULL	
city	varchar(20)	YES		NULL	
postalcode	int	YES		NULL	
country	varchar(15)	YES		NULL	

```
7 rows in set (0.00 sec)
```

```
mysql> insert into customers(custid,cname,contactname,address,city,postalcode,country) values(1,'s','a','kadapa','ap',123,'india'),(2,'t','b','ongole','ap',233,'india'),(3,'u','c','wg','ap',456,'india'),(4,'v','d','eg','ap',567,'india'),(5,'w','e','kadapa','ap',789,'india'),(6,'x','f','nellore','ap',890,'india'),(7,'y','g','sriyon','ap',324,'bhuton'),(8,'z','h','helberg','ap',478,'nepal');
```

```
Query OK, 8 rows affected (0.01 sec)
```

```
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> select * from customers;
```

custid	cname	contactname	address	city	postalcode	country
1	s	a	kadapa	ap	123	india
2	t	b	ongole	ap	233	india
3	u	c	wg	ap	456	india
4	v	d	eg	ap	567	india
5	w	e	kadapa	ap	789	india
6	x	f	nellore	ap	890	india
7	y	g	sriyon	ap	324	bhuton
8	z	h	helberg	ap	478	nepal

```
8 rows in set (0.00 sec)
```

```
mysql> select country,count(*) from customers group by country order by country asc;
```

country	count(*)
bhuton	1

custid	cname	contactname	address	city	postalcode	country
1	s	a	kadapa	ap	123	india
2	t	b	ongole	ap	233	india
3	u	c	wg	ap	456	india
4	v	d	eg	ap	567	india
5	w	e	kadapa	ap	789	india
6	x	f	nellore	ap	890	india
7	y	g	sriyon	ap	324	bhuton
8	z	h	helberg	ap	478	nepal

8 rows in set (0.00 sec)

```
mysql> select country,count(*) from customers group by country order by country asc;
```

country	count(*)
bhuton	1
india	6
nepal	1

3 rows in set (0.01 sec)

```
mysql> select count(country),country from customers group by country having count(country)>5;
```

count(country)	country
6	india

1 row in set (0.00 sec)

```
mysql>
```