```
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
         varchar(20)
                      YES
                                    NULL
 ename
 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;
```

```
empno ename
               sal
         nikhil
                  22000
    19
                  23000
         sunny
    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;
               sal
 empno
        ename
    24
         jay
                  30000
    25
         john
                  26000
    21
                  25000
         tej
    19
                  23000
         sunny
    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
                            YES
               int
                                          NULL
               varchar(20)
                            YES
                                          NULL
 cname
               varchar(20)
                            YES
                                         NULL
 contactname
 address
               varchar(50)
                            YES
                                         NULL
```

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

```
mysql> desc customers;
 Field
                             Null | Key | Default | Extra
               Type
 custid
               int
                             YES
                                          NULL
                             YES
                                          NULL
               varchar(20)
 cname
               varchar(20)
 contactname
                            YES
                                          NULL
 address
               varchar(50)
                             YES
                                          NULL
               varchar(20)
 city
                             YES
                                          NULL
                             YES
 postalcode
               int
                                          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	ар	123	india
2	t	b	ongole	ар	233	india
3	u	С	wg	ар	456	india
4	V	d	eg	ар	567	india
5	W	е	kadapa	ар	789	india
6	х	f	nellore	ар	890	india
7	У	g	sriyon	ар	324	bhuton
8	Z	h	helberg	ар	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

```
city | postalcode |
custid
        cname
               contactname
                            address
                                                        country
                                                        india
                            kadapa
                                                   123
                                                        india
    2
        t
               b
                                                   233
                            ongole
                                      ар
    3
                                                   456
                                                        india
               C
                            wg
                                      ap
    4
               d
                                                   567
                                                        india
                            eg
                                      ар
                                                   789
                                                        india
               e
                            kadapa
                                      ар
    6
                            nellore
                                                   890
                                                        india
                                      ар
                                                   324
        У
               g
                            sriyon
                                      ар
                                                        bhuton
                            helberg
    8
                                                   478 | nepal
       Z
```

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>