

```
mysql> create database emp2;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use emp2  
Database changed
```

```
mysql> create table emp2(empno int,ename varchar(10),deptno int,sal int);  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc emp2;
```

Field	Type	Null	Key	Default	Extra
empno	int	YES		NULL	
ename	varchar(10)	YES		NULL	
deptno	int	YES		NULL	
sal	int	YES		NULL	

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

```
mysql> insert into emp2(empno,ename,deptno,sal) values(1,'x',101,1000),(2,'y',102,2000),(3,'z',103,3000),(4,'u',104,4000),(5,'v',105,5000);  
Query OK, 5 rows affected (0.01 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from emp2;
```

empno	ename	deptno	sal
1	x	101	1000
2	y	102	2000
3	z	103	3000
4	u	104	4000
5	v	105	5000

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

```
mysql> select avg(sal),count(*) from emp2;
```

avg(sal)	count(*)
3000.0000	5

```
| v001 | abe |
| v002 | abhay |
| v003 | acelin |
| v004 | adelphos |
+-----+-----+
4 rows in set (0.00 sec)
```

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

```
mysql> use marks;
Database changed
mysql> create table marks(stdid varchar(5),totalmarks int);
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc marks;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| stdid      | varchar(5) | YES  |     | NULL    |       |
| totalmarks | int        | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> insert into marks(stdid,totalmarks) values('v001',95),('v002',80),('v003',74),('v004',81);
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

```
mysql> select * from marks;
+-----+-----+
| stdid | totalmarks |
+-----+-----+
| v001  | 95         |
| v002  | 80         |
| v003  | 74         |
| v004  | 81         |
+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> _
```

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

```
mysql> use students;
Database changed
```

```
mysql> create table students(stdid varchar(5),name varchar(10));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
stdid	varchar(5)	YES		NULL	
name	varchar(10)	YES		NULL	

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

```
mysql> insert into students(stdid,name) values('v001','abe'),('v002','abhay'),('v003','acelin'),('v004','adelphos');
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

```
mysql> select * from students;
```

stdid	name
v001	abe
v002	abhay
v003	acelin
v004	adelphos

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

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

```
mysql> use marks;
Database changed
```

```
mysql> create table marks(stdid varchar(5),totalmarks int);
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> select distinct deptno from emp2;
```

deptno
101
102
103
104
105

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

```
mysql> select deptno,count(*) from emp2 group by deptno;
```

deptno	count(*)
101	1
102	1
103	1
104	1
105	1

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

```
mysql> select deptno,count(*) from emp2 group by deptno;
```

deptno	count(*)
101	1
102	1
103	1
104	1
105	1

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

```
mysql> create database students;
```

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

```
mysql> select avg(sal),count(*) from emp2;
```

```
+-----+-----+  
| avg(sal) | count(*) |  
+-----+-----+  
| 3000.0000 |      5 |  
+-----+-----+  
1 row in set (0.01 sec)
```

```
mysql> select min(sal) from emp2;
```

```
+-----+  
| min(sal) |  
+-----+  
|      1000 |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> select sum(sal) from emp2;
```

```
+-----+  
| sum(sal) |  
+-----+  
|      15000 |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> select max(sal) from emp2;
```

```
+-----+  
| max(sal) |  
+-----+  
|      5000 |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> select count(*) from emp2;
```

```
+-----+  
| count(*) |  
+-----+  
|      5 |  
+-----+  
1 row in set (0.01 sec)
```