

mysql> show databases;

```
+-----+
| Database
|
+-----+
| information_schema |
| A |
| Abhi |
| PVG |
| mysql |
| nishant |
| performance_schema |
| vishakha |
| divya |
| sys |
| time |
+-----+
11 rows in set (0.11 sec)
```

mysql> use divya;

Database changed

mysql> create table Employee(emp_no int,emp_name varchar(20),date date,position varchar(20));

Query OK, 0 rows affected (0.75 sec)

mysql> alter table Employee add salary int;

Query OK, 0 rows affected (0.68 sec)

Records: 0

Duplicates: 0

Warnings: 0

mysql> insert into Employee values('01','divya','2018-07-11','clerk','50000');

Query OK, 1 row affected (0.08 sec)

```
mysql> insert into Employee values('02','abhi','2018-05-11','ceo','150000');
```

Query OK, 1 row affected (0.08 sec)

```
mysql> insert into Employee values('03','vishakha','2018-05-21','hr','100000');
```

Query OK, 1 row affected (0.04 sec)

```
mysql> insert into Employee values('04','aqwgy','2018-06-21','te','10000');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> insert into Employee values('05','sfhjfh','2018-07-21','gt','12000');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> create table TE(emp_no int,emp_namevarchar(20),join_date date,position  
varchar(20),salary int);
```

Query OK, 0 rows affected (0.36 sec)

```
mysql> insert into TE values('01','divya','2018-07-11','clerk','50000');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> insert into TE values('02','abhi','2018-05-11','ceo','150000');
```

Query OK, 1 row affected (0.04 sec)

```
mysql> insert into TE values('03','vishakha','2018-05-21','hr','100000');
```

Query OK, 1 row affected (0.04 sec)

```
mysql> insert into TE values('04','aqwgy','2018-06-21','te','10000');
```

Query OK, 1 row affected (0.05 sec)

```
mysql> insert into TE values('05','sfhjfh','2018-07-21','gt','12000');
```

Query OK, 1 row affected (0.04 sec)

```
mysql> select * from TE;
```

```
+-----+-----+-----+-----+-----+  
| emp_no | emp_name | join_date |  
| position | salary |  
+-----+-----+-----+-----+-----+  
| 1 | abc | 2018-07-11 | clerk |  
50000 |  
| 2 | abhi | 2018-05-11 | ceo | 150000 |  
| 3 | xyz | 2018-05-21 | hr | 100000 |  
| 4 | aqwgy | 2018-06-21 | te |
```

```

10000 |
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.04 sec)

```

mysql> select * from Employee;

```

+-----+-----+-----+-----+-----+
| emp_no | emp_name | date      |
| position | salary |
+-----+-----+-----+-----+
| 1 | abc | 2018-07-11 | clerk |
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | xyz | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

mysql> update TE set emp_name='gjjg' where emp_no='5';

Query OK, 1 row affected (0.13 sec)
Rows matched: 1
Changed: 1
Warnings: 0

mysql> select * from TE;

```

+-----+-----+-----+-----+-----+
| emp_no | emp_name | join_date |
| position | salary |
+-----+-----+-----+-----+
| 1 | abc | 2018-07-11 | clerk |
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | xyz | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | gjjg | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

mysql> select * from Employee union select * from TE;

```

+-----+-----+-----+-----+ -----+
| emp_no | emp_name | date      |
| position | salary |
+-----+-----+-----+-----+
| 1 | divya | 2018-07-11 | clerk |

```

```

50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
| 5 | gjgj | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)

```

mysql> select * from Employee union all select * from TE;

```

+-----+-----+-----+-----+ - - - - +| emp_no | emp_name | date
| position | salary |
+-----+-----+-----+-----+-----+
| 1 | divya | 2018-07-11 | clerk
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
| 1 | divya | 2018-07-11 | clerk
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | gjgj | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

mysql> select distinct emp_no from Employee where emp_no in(select emp_no from TE);

```

+-----+
| emp_no |
+-----+
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
+-----+
5 rows in set (0.03 sec)

```

mysql> select * from Employee;

```

+-----+-----+-----+-----+-----+
| emp_no | emp_name | date
| position | salary |

```

```

+-----+-----+-----+-----+-----+ 1 | divya | 2018-07-11 | clerk |
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

mysql> select * from TE;

```

+-----+-----+-----+-----+-----+
| emp_no | emp_name | join_date
| position | salary |
+-----+-----+-----+-----+-----+
| 1 | divya | 2018-07-11 | clerk
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | gjgj | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

mysql> select distinct emp_name from Employee where emp_name in(select emp_name from TE);

```

+-----+
| emp_name |
+-----+
| divya |
| abhi |
| vishakha |
| aqwgy |
+-----+
4 rows in set (0.00 sec)

```

mysql> select * from Employee;

```

+-----+-----+-----+-----+-----+
| emp_no | emp_name | date
| position | salary |
+-----+-----+-----+-----+-----+
| 1 | divya | 2018-07-11 | clerk
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |

```

```
| 5 | sfhjfh | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

mysql> select * from TE;

```
+-----+-----+-----+-----+
| emp_no | emp_name | join_date
| position | salary |
+-----+-----+-----+-----+
| 1 | divya | 2018-07-11 | clerk
50000 |
| 2 | abhi | 2018-05-11 | ceo | 150000 |
| 3 | vishakha | 2018-05-21 | hr | 100000 |
| 4 | aqwgy | 2018-06-21 | te |
10000 |
| 5 | gjgj | 2018-07-21 | gt |
12000 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

mysql> select distinct emp_name from Employee where emp_name in(select emp_name from TE);

```
+-----+
| emp_name |
+-----+
| divya |
| abhi |
| vishakha || aqwgy
|
+-----+
4 rows in set (0.00 sec)
```

mysql> select min(salary) from Employee;

```
+-----+
| min(salary) |
+-----+
|
10000 |
+-----+
1 row in set (0.04 sec)
```

mysql> select max(salary) from Employee;

```
+-----+
| max(salary) |
+-----+
|
150000 |
+-----+
```

1 row in set (0.00 sec)

mysql> select sum(salary) from Employee;

sum(salary)

322000

1 row in set (0.00 sec)

mysql> select avg(salary) from Employee;

avg(salary)

64400.0000

1 row in set (0.00 sec)

mysql> select count(salary) from Employee;

count(salary)

5

1 row in set (0.00 sec)