```
mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
|     10 | Qwwriya  | Mumbai   |       6664 |
+--------+----------+----------+------------+
12 rows in set (0.05 sec)

mysql> select * from employees limit 5;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
+--------+----------+----------+------------+
5 rows in set (0.00 sec)

mysql> select * from employees limit 12;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
```

```
|      9 | rqw       | pune      |      35559 |
|     10 | Qriya     | Mumbai    |       6664 |
|     10 | Qwwriya   | Mumbai    |       6664 |
+--------+-----------+-----------+------------+
12 rows in set (0.01 sec)

mysql> select * from employees limit 1;
+--------+-----------+-----------+------------+
| Emp_id | Emp_name  | Emp_city  | Emp_salary |
+--------+-----------+-----------+------------+
|      1 | Ram       | pune      |      25000 |
+--------+-----------+-----------+------------+
1 row in set (0.00 sec)

mysql> select * from employees limit 25;
+--------+-----------+-----------+------------+
| Emp_id | Emp_name  | Emp_city  | Emp_salary |
+--------+-----------+-----------+------------+
|      1 | Ram       | pune      |      25000 |
|      2 | Shaym     | Mumbai    |       4000 |
|      2 | Shaym     | Mumbai    |       4000 |
|      3 | Nikhil    | Satara    |      32200 |
|      4 | Sai       | Sangli    |      33400 |
|      5 | Pooja     | Latur     |      34200 |
|      6 | Amol      | Beed      |      54000 |
|      7 | Varun     | Kolhapur  |      86000 |
|      8 | Priya     | Nashik    |      66000 |
|      9 | rqw       | pune      |      35559 |
|     10 | Qriya     | Mumbai    |       6664 |
|     10 | Qwwriya   | Mumbai    |       6664 |
+--------+-----------+-----------+------------+
12 rows in set (0.00 sec)

mysql> select * from employees limit 0;
Empty set (0.00 sec)

mysql> select * from employees limit 2;
+--------+-----------+-----------+------------+
| Emp_id | Emp_name  | Emp_city  | Emp_salary |
+--------+-----------+-----------+------------+
|      1 | Ram       | pune      |      25000 |
|      2 | Shaym     | Mumbai    |       4000 |
+--------+-----------+-----------+------------+
2 rows in set (0.00 sec)
```

```
mysql> select * from employees limit 3;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
+--------+----------+----------+------------+
3 rows in set (0.00 sec)

mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
|     10 | Qwwriya  | Mumbai   |       6664 |
+--------+----------+----------+------------+
12 rows in set (0.00 sec)

mysql> select Min(Emp_Salary) from employees;
+-----------------+
| Min(Emp_Salary) |
+-----------------+
|            4000 |
+-----------------+
1 row in set (0.01 sec)

mysql> select Min(Emp_id) from employees;
+-------------+
| Min(Emp_id) |
+-------------+
|           1 |
+-------------+
```

```
1 row in set (0.00 sec)

mysql> select Min(Emp_name) from employees;
+---------------+
| Min(Emp_name) |
+---------------+
| Amol          |
+---------------+
1 row in set (0.01 sec)

mysql> select Min(Emp_city) from employees;
+---------------+
| Min(Emp_city) |
+---------------+
| Beed          |
+---------------+
1 row in set (0.00 sec)

mysql> select Max(Emp_Salary) from employees;
+-----------------+
| Max(Emp_Salary) |
+-----------------+
|           86000 |
+-----------------+
1 row in set (0.00 sec)

mysql> select Max(Emp_id) from employees;
+-------------+
| Max(Emp_id) |
+-------------+
|          10 |
+-------------+
1 row in set (0.00 sec)

mysql> select Max(Emp_name) from employees;
+---------------+
| Max(Emp_name) |
+---------------+
| Varun         |
+---------------+
1 row in set (0.00 sec)

mysql> select Max(Emp_city) from employees;
+---------------+
```

```
| Max(Emp_city) |
+---------------+
| Satara        |
+---------------+
1 row in set (0.00 sec)

mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
|     10 | Qwwriya  | Mumbai   |       6664 |
+--------+----------+----------+------------+
12 rows in set (0.00 sec)

mysql> select count(Emp_name) from employees;
+-----------------+
| count(Emp_name) |
+-----------------+
|              12 |
+-----------------+
1 row in set (0.00 sec)

mysql> select count(Emp_id) from employees;
+---------------+
| count(Emp_id) |
+---------------+
|            12 |
+---------------+
1 row in set (0.00 sec)

mysql> select sum(Emp_Salary) from employees;
+-----------------+
| sum(Emp_Salary) |
```

```
+----------------+
|         387687 |
+----------------+
1 row in set (0.01 sec)

mysql> select sum(Emp_id) from employees;
+-------------+
| sum(Emp_id) |
+-------------+
|          67 |
+-------------+
1 row in set (0.00 sec)

mysql> select avg(Emp_Salary) from employees;
+-----------------+
| avg(Emp_Salary) |
+-----------------+
|      32307.2500 |
+-----------------+
1 row in set (0.00 sec)

mysql> select avg(Emp_id) from employees;
+-------------+
| avg(Emp_id) |
+-------------+
|      5.5833 |
+-------------+
1 row in set (0.00 sec)

mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
```

```
|     10 | Qwwriya  | Mumbai    |        6664 |
+--------+----------+----------+-------------+
12 rows in set (0.00 sec)

mysql> select * from employees where Emp_name like
'r%';
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+-------------+
|      1 | Ram      | pune     |       25000 |
|      9 | rqw      | pune     |       35559 |
+--------+----------+----------+-------------+
2 rows in set (0.01 sec)

mysql> select * from employees where Emp_name like
'%a';
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+-------------+
|      5 | Pooja    | Latur    |       34200 |
|      8 | Priya    | Nashik   |       66000 |
|     10 | Qriya    | Mumbai   |        6664 |
|     10 | Qwwriya  | Mumbai   |        6664 |
+--------+----------+----------+-------------+
4 rows in set (0.00 sec)

mysql> select * from employees where Emp_name like
'%oo%';
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+-------------+
|      5 | Pooja    | Latur    |       34200 |
+--------+----------+----------+-------------+
1 row in set (0.00 sec)

mysql> select * from employees where Emp_name like
'_am';
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+-------------+
|      1 | Ram      | pune     |       25000 |
+--------+----------+----------+-------------+
1 row in set (0.00 sec)
```

```
mysql> insert into employees
values(11,'aam','Pune',66644);
Query OK, 1 row affected (0.01 sec)

mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      3 | Nikhil   | Satara   |      32200 |
|      4 | Sai      | Sangli   |      33400 |
|      5 | Pooja    | Latur    |      34200 |
|      6 | Amol     | Beed     |      54000 |
|      7 | Varun    | Kolhapur |      86000 |
|      8 | Priya    | Nashik   |      66000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
|     10 | Qwwriya  | Mumbai   |       6664 |
|     11 | aam      | Pune     |      66644 |
+--------+----------+----------+------------+
13 rows in set (0.00 sec)

mysql> select * from employees where Emp_name like
'_am';
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|     11 | aam      | Pune     |      66644 |
+--------+----------+----------+------------+
2 rows in set (0.00 sec)

mysql> select * from employees where Emp_city='pune'
OR Emp_city='Mumbai';
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
|      1 | Ram      | pune     |      25000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      2 | Shaym    | Mumbai   |       4000 |
|      9 | rqw      | pune     |      35559 |
|     10 | Qriya    | Mumbai   |       6664 |
```

```
|     10 | Qwwriya  | Mumbai    |       6664 |
|     11 | aam      | Pune      |      66644 |
+--------+----------+-----------+------------+
7 rows in set (0.01 sec)

mysql> select * from employees where Emp_city='pune'
OR Emp_city='Mumbai' OR Emp_city='Kolapur';
+--------+----------+-----------+------------+
| Emp_id | Emp_name | Emp_city  | Emp_salary |
+--------+----------+-----------+------------+
|      1 | Ram      | pune      |      25000 |
|      2 | Shaym    | Mumbai    |       4000 |
|      2 | Shaym    | Mumbai    |       4000 |
|      9 | rqw      | pune      |      35559 |
|     10 | Qriya    | Mumbai    |       6664 |
|     10 | Qwwriya  | Mumbai    |       6664 |
|     11 | aam      | Pune      |      66644 |
+--------+----------+-----------+------------+
7 rows in set (0.00 sec)

mysql> select * from employees where Emp_city='pune'
OR Emp_city='Mumbai' OR Emp_city='Kolhapur';
+--------+----------+-----------+------------+
| Emp_id | Emp_name | Emp_city  | Emp_salary |
+--------+----------+-----------+------------+
|      1 | Ram      | pune      |      25000 |
|      2 | Shaym    | Mumbai    |       4000 |
|      2 | Shaym    | Mumbai    |       4000 |
|      7 | Varun    | Kolhapur  |      86000 |
|      9 | rqw      | pune      |      35559 |
|     10 | Qriya    | Mumbai    |       6664 |
|     10 | Qwwriya  | Mumbai    |       6664 |
|     11 | aam      | Pune      |      66644 |
+--------+----------+-----------+------------+
8 rows in set (0.00 sec)

mysql> select * from employees where Emp_city
in('Pune','Mumbai');
+--------+----------+-----------+------------+
| Emp_id | Emp_name | Emp_city  | Emp_salary |
+--------+----------+-----------+------------+
|      1 | Ram      | pune      |      25000 |
|      2 | Shaym    | Mumbai    |       4000 |
|      2 | Shaym    | Mumbai    |       4000 |
```

```
|      9 | rqw      | pune     |       35559 |
|     10 | Qriya    | Mumbai   |        6664 |
|     10 | Qwwriya  | Mumbai   |        6664 |
|     11 | aam      | Pune     |       66644 |
+--------+----------+----------+-------------+
7 rows in set (0.01 sec)

mysql> select * from employees where Emp_city
in('Pune','Mumbai','kolhapur');
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary  |
+--------+----------+----------+-------------+
|      1 | Ram      | pune     |       25000 |
|      2 | Shaym    | Mumbai   |        4000 |
|      2 | Shaym    | Mumbai   |        4000 |
|      7 | Varun    | Kolhapur |       86000 |
|      9 | rqw      | pune     |       35559 |
|     10 | Qriya    | Mumbai   |        6664 |
|     10 | Qwwriya  | Mumbai   |        6664 |
|     11 | aam      | Pune     |       66644 |
+--------+----------+----------+-------------+
8 rows in set (0.00 sec)

mysql> select * from employees where Emp_city between
4000 and 66000;
Empty set, 13 warnings (0.00 sec)

mysql> select * from employees where Emp_salary
between 4000 and 66000;
+--------+----------+----------+-------------+
| Emp_id | Emp_name | Emp_city | Emp_salary  |
+--------+----------+----------+-------------+
|      1 | Ram      | pune     |       25000 |
|      2 | Shaym    | Mumbai   |        4000 |
|      2 | Shaym    | Mumbai   |        4000 |
|      3 | Nikhil   | Satara   |       32200 |
|      4 | Sai      | Sangli   |       33400 |
|      5 | Pooja    | Latur    |       34200 |
|      6 | Amol     | Beed     |       54000 |
|      8 | Priya    | Nashik   |       66000 |
|      9 | rqw      | pune     |       35559 |
|     10 | Qriya    | Mumbai   |        6664 |
|     10 | Qwwriya  | Mumbai   |        6664 |
+--------+----------+----------+-------------+
```

11 rows in set (0.00 sec)

mysql> slect * from employees;
ERROR 1064 (42000): You have an error in your SQL
syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near
'slect * from employees' at line 1
mysql> select * from employees;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
1	Ram	pune	25000
2	Shaym	Mumbai	4000
2	Shaym	Mumbai	4000
3	Nikhil	Satara	32200
4	Sai	Sangli	33400
5	Pooja	Latur	34200
6	Amol	Beed	54000
7	Varun	Kolhapur	86000
8	Priya	Nashik	66000
9	rqw	pune	35559
10	Qriya	Mumbai	6664
10	Qwwriya	Mumbai	6664
11	aam	Pune	66644
+--------+----------+----------+------------+
13 rows in set (0.01 sec)

mysql> select * from employees where Emp_salary
between 4000 and 66000;
+--------+----------+----------+------------+
| Emp_id | Emp_name | Emp_city | Emp_salary |
+--------+----------+----------+------------+
1	Ram	pune	25000
2	Shaym	Mumbai	4000
2	Shaym	Mumbai	4000
3	Nikhil	Satara	32200
4	Sai	Sangli	33400
5	Pooja	Latur	34200
6	Amol	Beed	54000
8	Priya	Nashik	66000
9	rqw	pune	35559
10	Qriya	Mumbai	6664
10	Qwwriya	Mumbai	6664
+--------+----------+----------+------------+

```
11 rows in set (0.00 sec)

mysql>
```