

## Limit

The LIMIT keyword is used to specify the number of records to return. The LIMIT keyword is useful on large tables with thousands of records. Returning a large number of records can impact performance.

### Add a new salary column in the table

```
ALTER TABLE employees ADD COLUMN salary INT NOT NULL DEFAULT 10000000;  
UPDATE employees SET salary=570000000 WHERE emp_id="1";  
UPDATE employees SET salary=450000000 WHERE emp_id="2";  
UPDATE employees SET salary=230000000 WHERE emp_id="3";  
UPDATE employees SET salary=270000000 WHERE emp_id="4";
```

### Now we will go for the LIMIT keyword

```
SELECT * FROM employees LIMIT 2;
```

```
mysql> SELECT * FROM employees LIMIT 2;  
+-----+-----+-----+-----+-----+-----+  
| emp_id | fname | lname | designation | department | salary |  
+-----+-----+-----+-----+-----+-----+  
|      1 | Virat | Kohli | Batsman     | Cricket    | 570000000 |  
|      2 | Leonel | Messi | Stricker    | Football   | 450000000 |  
+-----+-----+-----+-----+-----+-----+  
2 rows in set (0.00 sec)
```

```
SELECT * FROM employees LIMIT 2,2;
```

```
mysql> SELECT * FROM employees LIMIT 2,2;  
+-----+-----+-----+-----+-----+-----+  
| emp_id | fname | lname | designation | department | salary |  
+-----+-----+-----+-----+-----+-----+  
|      3 | Anup  | Kumar | Defender    | Kabaddi    | 230000000 |  
|      4 | Rohit | Sharma | Batsman     | Cricket    | 270000000 |  
+-----+-----+-----+-----+-----+-----+  
2 rows in set (0.00 sec)
```

```
SELECT * FROM employees ORDER BY salary DESC LIMIT 1;
```

```
mysql> SELECT * FROM employees ORDER BY salary DESC LIMIT 1;
+-----+-----+-----+-----+-----+-----+
| emp_id | fname | lname | designation | department | salary |
+-----+-----+-----+-----+-----+-----+
|      1 | Virat | Kohli | Batsman     | Cricket    | 570000000 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```