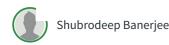


MySQL | LAST_DAY() Function



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The LAST_DAY() function in MySQL can be used to know the last day of the month for a given date or a datetime. The LAST_DAY() function takes a *date* value as argument and returns the last day of month in that *date*. The *date* argument represents a valid date or datetime.

Syntax:

LAST_DAY(Date);

If the date or datetime value is invalid, the function returns NULL.

Parameters Used:

Date: The LAST_DAY() function takes a single argument Date. It is the date or datetime value for which you want to extract the last day of the month.

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Trending Now DSA Data Structures Algorithms Interview Preparation Data Science Topic-wise Practice I he LASI_DAY() function returns the last day of the month for a valid *Date* argument. If the argument *Date* is invalid or null, then the function will also return NULL.

Below are some common examples or usages of the LAST_DAY() function:

1. Extracting last day from a given date:

To know the last date of the month December 2017, the LAST_DAY() function can be executed in the following way:

Syntax:

mysql> SELECT LAST_DAY('2017-12-25');

Output:

'2017-12-31'

2. Extracting the last day from a given datetime:

To know the last date of the month December using datetime format, the LAST_DAY() function can be executed in the following way:

Syntax:

Output:

'2017-12-31'

3. Checking whether it is a leap year or not:

To know whether the year is a leap year or not, we can use the LAST_DAY() function to check the last day of the month February of that year. If it is the 29th day then that year is leap otherwise not.

Syntax:

mysql>	SELECT	LAST_	_DAY('2016-	02-17') ;
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Output:

'2016-02-29'

4. Extracting the last day for the current month:

To know the last date of the current month ,the LAST_DAY() function is combined with the NOW() or CURDATE() function and can be executed in the following way:

Using the NOW() function: The NOW() function in MySQL returns the current date-time stamp.

Syntax:

Output:

'2017-12-31'

5. **Using the CURDATE() function**: The CURDATE() function in MySQL return the current date in Date format.

Syntax:

mysql> SELECT LAST_DAY(CURDATE());

Output:

'2017-12-31'

6. Extracting the last day of the next month:

To know the last date of the next month, the last_day() function can be executed in the following way:

Syntax:

Output:

'2018-01-31'

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Similar Reads

- 1. PLSQL | LAST_DAY Function
- 2. LOCALTIME() and LAST_DAY() Function in MariaDB
- 3. MySQL | Common MySQL Queries