

```
mysql> show databases;
```

```
+-----+
| Database |
+-----+
| information_schema |
| mydb |
| mysql |
| nit |
| performance_schema |
| sakila |
| sys |
| world |
+-----+
```

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

```
mysql> use nit;
```

```
Database changed
```

```
mysql> select date_add('2024-01-02', Interval 31 Day);
```

```
+-----+
| date_add('2024-01-02', Interval 31 Day) |
+-----+
| 2024-02-02 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> SELECT ADDDATE('1998-01-02', INTERVAL 31 DAY);
```

```
+-----+
| ADDDATE('1998-01-02', INTERVAL 31 DAY) |
+-----+
| 1998-02-02 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select adddate('2024-01-02', Interval 31 Day);
```

```
+-----+
| adddate('2024-01-02', Interval 31 Day) |
+-----+
| 2024-02-02 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select adddate('2024-01-02', 31);
```

```
+-----+
| adddate('2024-01-02', 31) |
+-----+
| 2024-02-02 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> SELECT ADDTIME('1997-12-31 23:59:59.999999', '1 1:1:1.000002');
```

```
+-----+
| ADDTIME('1997-12-31 23:59:59.999999', '1 1:1:1.000002') |
+-----+
| 1998-01-02 01:01:01.000001 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> SELECT CONVERT_TZ('2004-01-01 12:00:00', 'GMT', 'MET');
```

```
+-----+
| CONVERT_TZ('2004-01-01 12:00:00', 'GMT', 'MET') |
+-----+
| NULL |
+-----+
```

```
1 row in set (0.01 sec)
```

```

mysql> SELECT ADDTIME('1997-12-31 23:59:59.999999', '1 1:1:1.000002');
+-----+
| ADDTIME('1997-12-31 23:59:59.999999', '1 1:1:1.000002') |
+-----+
| 1998-01-02 01:01:01.000001 |
+-----+
1 row in set (0.00 sec)

mysql> SELECT CONVERT_TZ('2004-01-01 12:00:00', '+00:00', '+05:30') as IST_TIME;
+-----+
| IST_TIME |
+-----+
| 2004-01-01 17:30:00 |
+-----+
1 row in set (0.00 sec)

mysql> select curdate();
+-----+
| curdate() |
+-----+
| 2024-12-09 |
+-----+
1 row in set (0.00 sec)

mysql> select curdate() + 0;
+-----+
| curdate() + 0 |
+-----+
| 20241209 |
+-----+
1 row in set (0.00 sec)

mysql> select curtime();
+-----+
| curtime() |
+-----+
| 00:08:32 |
+-----+
1 row in set (0.00 sec)

mysql> select curtime() + 0 ;
+-----+
| curtime() + 0 |
+-----+
| 841 |
+-----+
1 row in set (0.00 sec)

mysql> current time_stamp();
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
'current time_stamp()' at line 1
mysql> select current_timestamp;
+-----+
| current_timestamp |
+-----+
| 2024-12-09 00:09:43 |
+-----+
1 row in set (0.00 sec)

mysql> SELECT DATEDIFF('1997-12-31 23:59:59', '1997-12-30');
+-----+
| DATEDIFF('1997-12-31 23:59:59', '1997-12-30') |
+-----+

```

```

+-----+
|                                     1 |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DATE_ADD('1999-01-01', INTERVAL 1 HOUR);
+-----+
| DATE_ADD('1999-01-01', INTERVAL 1 HOUR) |
+-----+
| 1999-01-01 01:00:00                      |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DATE_FORMAT('1997-10-04 22:23:00', '%W %M %Y');
+-----+
| DATE_FORMAT('1997-10-04 22:23:00', '%W %M %Y') |
+-----+
| Saturday October 1997                          |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DATE_FORMAT('1997-10-04 22:23:00', '%w %M %y');
+-----+
| DATE_FORMAT('1997-10-04 22:23:00', '%w %M %y') |
+-----+
| 6 October 97                                    |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DATE_FORMAT('1997-10-04 22:23:00'
-> '%H %k %I %r %T %S %w');
ERROR 1582 (42000): Incorrect parameter count in the call to nativefunction
'DATE_FORMAT'
mysql> SELECT DATE_FORMAT('1997-10-04 22:23:00', %H %S %w);
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 '%H %S
%w)' at line 1
mysql> SELECT DAYNAME('1998-02-05');

```

```

+-----+
| DAYNAME('1998-02-05') |
+-----+
| Thursday              |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DAYOFMONTH('1998-02-03');
+-----+
| DAYOFMONTH('1998-02-03') |
+-----+
|                            3 |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DAYOFWEEK('1998-02-03');
+-----+
| DAYOFWEEK('1998-02-03') |
+-----+
|                            3 |
+-----+
1 row in set (0.00 sec)

```

```

mysql> SELECT DAYOFYEAR('1998-02-03');
+-----+
| DAYOFYEAR('1998-02-03') |

```

```
+-----+
|                34 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT EXTRACT(YEAR FROM '1999-07-02');

```
+-----+
| EXTRACT(YEAR FROM '1999-07-02') |
+-----+
|                1999 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT EXTRACT(YEAR_MONTH FROM '1999-07-02 01:02:03');

```
+-----+
| EXTRACT(YEAR_MONTH FROM '1999-07-02 01:02:03') |
+-----+
|                199907 |
+-----+
1 row in set (0.00 sec)
```

mysql> select extract(year_day from '2024-12-01 03:02:01');

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 'year_day from '2024-12-01 03:02:01'' at line 1

mysql> SELECT FROM_DAYS(729669);

```
+-----+
| FROM_DAYS(729669) |
+-----+
| 1997-10-07 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT HOUR('10:05:03');

```
+-----+
| HOUR('10:05:03') |
+-----+
|                10 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT LAST_DAY('2003-02-05');

```
+-----+
| LAST_DAY('2003-02-05') |
+-----+
| 2003-02-28 |
+-----+
1 row in set (0.00 sec)
```

mysql> select first_day('2024-12-09');

ERROR 1305 (42000): FUNCTION nit.first_day does not exist

mysql> SELECT MONTHNAME('1998-02-05');

```
+-----+
| MONTHNAME('1998-02-05') |
+-----+
| February |
+-----+
1 row in set (0.00 sec)
```

mysql> select sysdate();

```
+-----+
| sysdate() |
+-----+
| 2024-12-09 00:33:28 |
+-----+
```

```
+-----+  
1 row in set (0.00 sec)
```

```
mysql> SELECT WEEKOFYEAR('1998-02-20');
```

```
+-----+  
| WEEKOFYEAR('1998-02-20') |  
+-----+  
|                          8 |  
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql>
```