================ 숫자 함수 ==================

```
mysql> SELECT TRUNCATE(1.2345, 1);
+-----------------+
| TRUNCATE(1.2345, 1) |
+-----------------+
|                 1.2 |
+-----------------+
1 row in set (0.00 sec)

mysql> SELECT TRUNCATE(1.2345, 0);
+-----------------+
| TRUNCATE(1.2345, 0) |
+-----------------+
|                   1 |
+-----------------+
1 row in set (0.00 sec)

mysql> SELECT TRUNCATE(1.2345, -2);
+-----------------+
| TRUNCATE(1.2345, -2) |
+-----------------+
|                   0 |
+-----------------+
1 row in set (0.00 sec)

mysql> SELECT TRUNCATE(122, -2);
+-------------+
| TRUNCATE(122, -2) |
+-------------+
|               100 |
+-------------+
1 row in set (0.00 sec)
```

```
mysql> SELECT TRUNCATE(12345, -3);
+--------------------+
| TRUNCATE(12345, -3) |
+--------------------+
|               12000 |
+--------------------+
1 row in set (0.00 sec)

mysql> SELECT TRUNCATE(123456, -10);
+---------------------+
| TRUNCATE(123456, -10) |
+---------------------+
|                   0 |
+---------------------+
1 row in set (0.00 sec)
```

```
mysql> select sqrt(-4);
+---------+
| sqrt(-4) |
+---------+
|    NULL |
+---------+
1 row in set (0.00 sec)
```

================= 문자열 함수 =========

```
mysql> select instr('MYSql web study','y');
+---------------------------+
| instr('MYSql web study','y') |
+---------------------------+
|                         2 |
+---------------------------+
1 row in set (0.00 sec)

mysql> select instr('MySql web study','z')
    -> ;
+---------------------------+
| instr('MySql web study','z') |
+---------------------------+
|                         0 |
+---------------------------+
1 row in set (0.00 sec)
```

```
mysql> select * from sample21;
+-----+--------+------------+-----------------+
| no  | name   | birthday   | address         |
+-----+--------+------------+-----------------+
|   1 | 박준용 | 1976-10-18 | 대구광역시 수성구 |
|   2 | 김재진 | NULL       | 대구광역시 동구  |
|   3 | 홍길동 | NULL       | 서울특별시 마포구 |
+-----+--------+------------+-----------------+
3 rows in set (0.03 sec)

mysql> select mid(address, 3,3) from sample21;
+-------------------+
| mid(address, 3,3) |
+-------------------+
| 광역시            |
| 광역시            |
| 특별시            |
+-------------------+
3 rows in set (0.00 sec)
```

```
mysql> select length(trim(substring('Mysql web study',6, 5)));
+----------------------------------+
| length(trim(substring('Mysql web study',6, 5))) |
+----------------------------------+
|                                3 |
+----------------------------------+
1 row in set (0.00 sec)
```

```
mysql> select sum(a), avg(a), min(a), max(a) from sample311;
+------+------+------+------+
| sum(a) | avg(a) | min(a) | max(a) |
+------+------+------+------+
|   24 |    6 | 1    | 2    |
+------+------+------+------+
1 row in set (0.01 sec)
```

```
mysql> select sum(b), avg(b), min(b), max(b) from sample311;
+------+------+------+------+
| sum(b) | avg(b) | min(b) | max(b) |
+------+------+------+------+
|   24 | 6.0000 |    1 |   11 |
+------+------+------+------+
1 row in set (0.00 sec)
```

```
mysql> select date_sub(now(), interval 13 hour);
+-----------------------------------+
| date_sub(now(), interval 13 hour) |
+-----------------------------------+
| 2019-03-27 20:38:59               |
+-----------------------------------+
1 row in set (0.00 sec)


mysql> select to_days(now()) - to_days('1972-10-10');
+----------------------------------------+
| to_days(now()) - to_days('1972-10-10') |
+----------------------------------------+
|                                  16413 |
+----------------------------------------+
1 row in set (0.00 sec)
```

```
mysql> select (to_days(now())-to_days('1972-10-10'))/365;
+--------------------------------------------+
| (to_days(now())-to_days('1972-10-10'))/365 |
+--------------------------------------------+
|                                    44.9671 |
+--------------------------------------------+
1 row in set (0.00 sec)


mysql> select floor((to_days(now())-to_days('19721010'))/365);
+-------------------------------------------------+
| floor((to_days(now())-to_days('19721010'))/365) |
+-------------------------------------------------+
|                                              44 |
+-------------------------------------------------+
1 row in set (0.00 sec)


mysql> select date_format(now(), '%Y/%b/%D(%W) %h:%i:%S');
+---------------------------------------------+
| date_format(now(), '%Y/%b/%D(%W) %h:%i:%S') |
+---------------------------------------------+
| 2017/Sep/17th(Sunday) 06:15:49              |
+---------------------------------------------+
1 row in set (0.00 sec)


mysql> select date_format(now(), '%Y/%M/%w번째 주일  %l:%i:%S');
+-----------------------------------------------+
| date_format(now(), '%Y/%M/%w번째 주일 %l:%i:%S') |
+-----------------------------------------------+
| 2017/September/0번째 요일  6:18:44              |
+-----------------------------------------------+
1 row in set (0.00 sec)
```