Ex.No 20 **STRING,NUMBER,DATE AND ADVANCED FUNCTIONS**

Questions

1.Execute some string functions

STRING FUNCTIONS

mysql> SELECT LCASE("SQL Tutorial is FUN!");

+-------------------------------+

| LCASE("SQL Tutorial is FUN!") |

+-------------------------------+

| sql tutorial is fun! |

+-------------------------------+

1 row in set (0.02 sec)

mysql> SELECT ASCII(fac\_name)from faculty;

+-----------------+

| ASCII(fac\_name) |

+-----------------+

| 112 |

| 97 |

| 115 |

| 80 |

+-----------------+

4 rows in set (0.01 sec)

mysql> SELECT CHAR\_LENGTH("SAVEETHA") AS LengthOfString;

+----------------+

| LengthOfString |

+----------------+

| 8 |

+----------------+

1 row in set (0.06 sec)

mysql> SELECT CONCAT("SQL","Tutorial","is","fun!") AS ConcatenatedString;

+--------------------+

| ConcatenatedString |

+--------------------+

| SQLTutorialisfun! |

+--------------------+

1 row in set (0.00 sec)

mysql> SELECT FORMAT(250500.5634,2);

+-----------------------+

| FORMAT(250500.5634,2) |

+-----------------------+

| 250,500.56 |

+-----------------------+

1 row in set (0.10 sec)

mysql> SELECT INSERT("aaaaaaaaaaa.com",1,9,"Example");

+-----------------------------------------+

| INSERT("aaaaaaaaaaa.com",1,9,"Example") |

+-----------------------------------------+

| Exampleaa.com |

+-----------------------------------------+

1 row in set (0.00 sec)

2.Execute some numeric functions

**mysql> SELECT ABS(-993.5);**

**+-------------+**

**| ABS(-993.5) |**

**+-------------+**

**| 993.5 |**

**+-------------+**

**1 row in set (0.04 sec)**

**mysql> SELECT COS(2);**

**+---------------------+**

**| COS(2) |**

**+---------------------+**

**| -0.4161468365471424 |**

**+---------------------+**

**1 row in set (0.03 sec)**

**mysql> SELECT FLOOR(25.75);**

**+--------------+**

**| FLOOR(25.75) |**

**+--------------+**

**| 25 |**

**+--------------+**

**1 row in set (0.04 sec)**

**mysql> SELECT POWER(4, 2);**

**+-------------+**

**| POWER(4, 2) |**

**+-------------+**

**| 16 |**

**+-------------+**

**1 row in set (0.03 sec)**

3.Date some numeric functions

mysql> SELECT ADDDATE("2018-06-15", INTERVAL 11 DAY);

+----------------------------------------+

| ADDDATE("2018-06-15", INTERVAL 11 DAY) |

+----------------------------------------+

| 2018-06-26 |

+----------------------------------------+

1 row in set (0.00 sec)

mysql> SELECT CURDATE();

+------------+

| CURDATE() |

+------------+

| 2022-09-22 |

+------------+

1 row in set (0.00 sec)

mysql> SELECT CURRENT\_TIME();

+----------------+

| CURRENT\_TIME() |

+----------------+

| 11:16:13 |

+----------------+

1 row in set (0.00 sec)

mysql> SELECT DATEDIFF("2017-06-25", "2017-06-15");

+--------------------------------------+

| DATEDIFF("2017-06-25", "2017-06-15") |

+--------------------------------------+

| 10 |

+--------------------------------------+

1 row in set (0.00 sec)

mysql> SELECT DATE\_FORMAT("2017-06-15", "%Y");

+---------------------------------+

| DATE\_FORMAT("2017-06-15", "%Y") |

+---------------------------------+

| 2017 |

+---------------------------------+

1 row in set (0.06 sec)

mysql> SELECT DAYOFMONTH("2017-06-15");

+--------------------------+

| DAYOFMONTH("2017-06-15") |

+--------------------------+

| 15 |

+--------------------------+

1 row in set (0.03 sec)

mysql> SELECT MONTHNAME("2017-06-15");

+-------------------------+

| MONTHNAME("2017-06-15") |

+-------------------------+

| June |

+-------------------------+

1 row in set (0.04 sec)

mysql> SELECT YEARWEEK("2017-06-15");

+------------------------+

| YEARWEEK("2017-06-15") |

+------------------------+

| 201724 |

+------------------------+

1 row in set (0.00 sec)

4.Execute some advanced functions in SQL

mysql> SELECT CURRENT\_USER();

+----------------+

| CURRENT\_USER() |

+----------------+

| root@localhost |

+----------------+

1 row in set (0.00 sec)

mysql> SELECT VERSION();

+-----------+

| VERSION() |

+-----------+

| 5.5.62 |

+-----------+

1 row in set (0.04 sec)

mysql> SELECT DATABASE();

+------------+

| DATABASE() |

+------------+

| test |

+------------+

1 row in set (0.00 sec)