**SQL Exercise 3**

1. Display all the Supplier names in upper case.

**Ans : mysql> select concat(upper(LEFT(Sname, 1)),substr(Sname, 2)) as capitalized\_Sname from s;**

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

**| capitalized\_Sname |**

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

**| Tata |**

**| Reliance |**

**| Infosys |**

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

1. Display all the Supplier names in lower case.

**Ans : mysql> select lower(Sname) as lowercase\_supplier\_Name from s;**

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

**| lowercase\_supplier\_Name |**

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

**| tata |**

**| reliance |**

**| infosys |**

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

1. Display all the Supplier names padded to 25 characters, with spaces on the left.

**Ans : select lpad(sname, 25,' ')As padded\_sname from s;**

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

**| padded\_sname |**

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

**| Tata |**

**| Reliance |**

**| Infosys |**

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

1. Display all the Supplier names (with ‘la’ replaced by ‘ro’).

HINT: REPLACE.

**Ans :- mysql> select \* from s;**

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

**| S# | Sname | Status | City |**

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

**| S1 | Tata | 30 | Pune |**

**| S2 | Reliance | 20 | Mumbai |**

**| S3 | Infosys | 10 | Bangalore |**

**| S4 | Alaska | 25 | Delhi |**

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

**4 rows in set (0.00 sec)**

**mysql> SELECT REPLACE(Sname, 'la', 'ro') AS replaced\_Sname FROM s;**

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

**| replaced\_Sname |**

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

**| Tata |**

**| Reliance |**

**| Infosys |**

**| Aroska |**

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

1. Implement the above command such that ‘l’ is replaced with ‘r’ and ‘a’ is replaced with ‘o’.

**Ans :- mysql> select replace(Replace(Sname, 'l', 'r'), 'a','o') from s;**

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

**| replace(Replace(Sname, 'l', 'r'), 'a','o') |**

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

**| Toto |**

**| Rerionce |**

**| Infosys |**

**| Arosko |**

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

**4 rows in set (0.00 sec)**

1. Display the Supplier names and the lengths of the names.

**Ans : mysql> select sname,length(sname) from s;**

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

**| sname | length(sname) |**

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

**| Tata | 4 |**

**| Reliance | 8 |**

**| Infosys | 7 |**

**| Alaska | 6 |**

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

1. Use the soundex function to search for a supplier by the name of ‘BLOKE’.

**Ans :- SELECT \* FROM s**

**-> WHERE SOUNDEX(Sname) = SOUNDEX('BLOKE');**

**Empty set (0.00 sec)**

1. Display the Supplier name and the status (as Ten, Twenty, Thirty, etc.).

**Ans : mysql> SELECT**

**-> Sname,**

**-> CASE Status**

**-> WHEN 10 THEN 'Ten'**

**-> WHEN 20 THEN 'Twenty'**

**-> WHEN 30 THEN 'Thirty'**

**-> ELSE 'Unknown' -- Handle cases where Status is not 10, 20, or 30**

**-> END AS Status\_Text**

**-> FROM**

**-> s;**

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

**| Sname | Status\_Text |**

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

**| Tata | Thirty |**

**| Reliance | Twenty |**

**| Infosys | Ten |**

**| Alaska | Unknown |**

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

1. Display the current day (e.g. Thursday).

