# SQL Exercise 3

1. Display all the Supplier names with the initial letter capital.

**ANS:-**

mysql> SELECT CONCAT(UPPER(LEFT(SNAME,1)), LOWER(SUBSTRING(SNAME,2))) AS ProperCase\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| ProperCase\_SNAME |

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

| Clark |

| Miller |

| Davis |

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

3 rows in set (0.01 sec)

2. Display all the Supplier names in upper case.

**ANS:-**

mysql> SELECT UPPER(SNAME) AS UpperCase\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| UpperCase\_SNAME |

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

| CLARK |

| MILLER |

| DAVIS |

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

3 rows in set (0.00 sec)

3. Display all the Supplier names in lower case.

**ANS:-**

mysql> SELECT LOWER(SNAME) AS LowerCase\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| LowerCase\_SNAME |

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

| clark |

| miller |

| davis |

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

3 rows in set (0.00 sec)

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

**ANS:-**

mysql> SELECT LPAD(SNAME, 25, ' ') AS LeftPadded\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| LeftPadded\_SNAME |

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

| Clark |

| Miller |

| Davis |

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

3 rows in set (0.00 sec)

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

HINT: REPLACE.

**ANS:-**

mysql> SELECT REPLACE(SNAME, 'la', 'ro') AS Replaced\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| Replaced\_SNAME |

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

| Crork |

| Miller |

| Davis |

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

3 rows in set (0.00 sec)

6. 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') AS MultiReplace\_SNAME

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| MultiReplace\_SNAME |

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

| Crork |

| Mirrer |

| Dovis |

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

3 rows in set (0.00 sec)

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

**ANS:-**

mysql> SELECT SNAME, LENGTH(SNAME) AS Name\_Length

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| SNAME | Name\_Length |

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

| Clark | 5 |

| Miller | 6 |

| Davis | 5 |

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

3 rows in set (0.00 sec)

**ANS:-**

mysql> SELECT \*

-> FROM S

-> WHERE SOUNDEX(SNAME) = SOUNDEX('BLOKE');

Empty set (0.00 sec)

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

**ANS:-**

mysql> SELECT SNAME,

-> CASE STATUS

-> WHEN 10 THEN 'Ten'

-> WHEN 15 THEN 'Fifteen'

-> WHEN 20 THEN 'Twenty'

-> WHEN 25 THEN 'Twenty-Five'

-> WHEN 30 THEN 'Thirty'

-> ELSE 'Unknown'

-> END AS Status\_Words

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| SNAME | Status\_Words |

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

| Clark | Twenty-Five |

| Miller | Fifteen |

| Davis | Thirty |

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

3 rows in set (0.00 sec)

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

**ANS:-**

mysql> SELECT SNAME,

-> CASE STATUS

-> WHEN 10 THEN 'Ten'

-> WHEN 15 THEN 'Fifteen'

-> WHEN 20 THEN 'Twenty'

-> WHEN 25 THEN 'Twenty-Five'

-> WHEN 30 THEN 'Thirty'

-> ELSE 'Unknown'

-> END AS Status\_Words

-> FROM S

-> WHERE SNAME IS NOT NULL;

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

| SNAME | Status\_Words |

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

| Clark | Twenty-Five |

| Miller | Fifteen |

| Davis | Thirty |

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

3 rows in set (0.00 sec)

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

**ANS:-**

mysql> SELECT DAYNAME(CURDATE()) AS Today;

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

| Today |

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

| Saturday |

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

1 row in set (0.01 sec)