

## SQL Exercise 3

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

```
mysql> select concat(upper(left(Sname,1)),Lower(Substr(Sname,2)))from S;  
+-----+  
| concat(upper(left(Sname,1)),Lower(Substr(Sname,2))) |  
+-----+  
| Nidhi  
| Namrata  
| Nayan  
| Nikhil  
| Nikhil  
| Vishal  
| Pooja  
| Kirti  
+-----+  
8 rows in set (0.00 sec)
```

2. Display all the Supplier names in upper case.

```
mysql> Select upper(Sname)from S;  
+-----+  
| upper(Sname) |  
+-----+  
| NIDHI  
| NAMRATA  
| NAYAN  
| NIKHIL  
| NIKHIL  
| VISHAL  
| POOJA  
| KIRTI  
+-----+  
8 rows in set (0.05 sec)
```

3. Display all the Supplier names in lower case.

```
mysql> select lower(Sname)from S;
+-----+
| lower(Sname) |
+-----+
| nidhi        |
| namrata      |
| nayan        |
| nikhil       |
| nikhil       |
| vishal       |
| pooja        |
| kirti        |
+-----+
8 rows in set (0.00 sec)
```

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

```
mysql> SELECT LPAD(Sname, 25, ' ') FROM S;
+-----+
| LPAD(Sname, 25, ' ') |
+-----+
|                      |
|                      |
|                      |
|                      |
|                      |
|                      |
|                      |
|                      |
+-----+
8 rows in set (0.00 sec)
```

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

HINT: REPLACE.

```
mysql> select Replace (Sname, 'la', 'ro') from S;
+-----+
| Replace (Sname, 'la', 'ro') |
+-----+
| Nidhi                        |
| Namrata                     |
| Nayan                       |
| Nikhil                      |
| Nikhil                      |
| Vishal                      |
| Pooja                       |
| Kirti                       |
| Nirmaro                     |
+-----+
9 rows in set (0.00 sec)
```

6. Implement the above command such that 'l' is replaced with 'r' and 'a' is replaced with 'o'.

```
mysql> select replace(replace(Sname, 'l', 'r'), 'a', 'o') AS ModifiedName FROM S;
+-----+
| ModifiedName |
+-----+
| Nidhi        |
| Nomroto      |
| Noyon        |
| Nikhir       |
| Nikhir       |
| Vishor       |
| Poojo        |
| Kirti        |
| Nirmoro      |
+-----+
9 rows in set (0.08 sec)
```

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

```
mysql> select length(Sname)from S;
+-----+
| length(Sname) |
+-----+
|              5 |
|              7 |
|              5 |
|              6 |
|              6 |
|              6 |
|              5 |
|              5 |
|              7 |
+-----+
9 rows in set (0.01 sec)
```

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

```
mysql> select * from S Where Soundex(Sname)=Soundex('Bloke');
Empty set (0.01 sec)
```

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

```
mysql> SELECT
->     Sname AS Sname,
->     CASE Status
->         WHEN 10 THEN 'Ten'
->         WHEN 20 THEN 'Twenty'
->         WHEN 30 THEN 'Thirty'
->         WHEN 40 THEN 'Forty'
->         WHEN 50 THEN 'Fifty'
->         ELSE 'Unknown'
->     END AS StatusInWords
-> FROM S;
```

Sname	StatusInWords
Nidhi	Forty
Namrata	Fifty
Nayan	Unknown
Nikhil	Unknown
Nikhil	Unknown
Vishal	Unknown
Pooja	Unknown
Kirti	Unknown
Nirmala	Ten

9 rows in set (0.00 sec)

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

```
mysql> SELECT DAYNAME(NOW()) AS Today;
+-----+
| Today |
+-----+
| Sunday|
+-----+
1 row in set (0.01 sec)

mysql> SELECT DAYNAME(CURRENT_DATE) AS Today;
+-----+
| Today |
+-----+
| Sunday|
+-----+
1 row in set (0.00 sec)

mysql>
```