

SQL Exercise 3

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

```
mysql> select concat(upper(substring(sname,1,1)),lower(substring(sname,2))) from supplier;
+-----+
| concat(upper(substring(sname,1,1)),lower(substring(sname,2))) |
+-----+
| Siran |
| Nutan |
| Arun  |
| Kirun |
| Tarun |
+-----+
5 rows in set (0.01 sec)

mysql>
```

2. Display all the Supplier names in upper case.

```
mysql> select upper(substring(sname,1)) from supplier;
+-----+
| upper(substring(sname,1)) |
+-----+
| SIRAN |
| NUTAN |
| ARUN  |
| KIRUN |
| TARUN |
+-----+
5 rows in set (0.02 sec)
```

3. Display all the Supplier names in lower case.

```
mysql> select lower(sname) as Name from supplier;
+-----+
| Name |
+-----+
| siran |
| nutan |
| arun  |
| kirun |
| tarun |
+-----+
5 rows in set (0.00 sec)

mysql> _
```

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

```
mysql> select lpad(sname,25,' ') from supplier;
+-----+
| lpad(sname,25,' ') |
+-----+
|                    |
|                    |
|                    |
|                    |
|                    |
+-----+
5 rows in set (0.01 sec)

mysql> _
```

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

```
mysql> select replace(sname,'ran','ro') from supplier;
+-----+
| replace(sname,'ran','ro') |
+-----+
| Siro                       |
| Nutan                     |
| Arun                      |
| Kirun                     |
| Tarun                     |
+-----+
5 rows in set (0.00 sec)

mysql>
```

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

```
mysql> select replace(sname,'r','o'),replace(sname,'a','o') from supplier;
+-----+-----+
| replace(sname,'r','o') | replace(sname,'a','o') |
+-----+-----+
| Sioan                   | Siron                   |
| Nutan                   | Nuton                   |
| Aoun                    | Arun                    |
| Kioun                   | Kirun                   |
| Taoun                   | Torun                   |
+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

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

```
mysql> select sname,LENGTH(sname) from supplier;
+-----+-----+
| sname | LENGTH(sname) |
+-----+-----+
| Siran | 5              |
| Nutan | 5              |
| Arun  | 4              |
| Kirun | 5              |
| Tarun | 5              |
+-----+-----+
5 rows in set (0.04 sec)
```

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

```
mysql> select * from supplier
    -> where soundex(sname)=soundex('bloke');
+-----+-----+-----+-----+
| S#   | Sname | Status | City   |
+-----+-----+-----+-----+
| S2   | Bloke | 20     | London |
+-----+-----+-----+-----+
1 row in set (0.03 sec)

mysql>
```

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

```
mysql> select sname,
-> case
-> when status =10 then 'Ten'
-> when status = 20 then 'Twenty'
-> when status = 30 then 'Thirty'
-> when status = 15 then 'Fifteen'
-> when status = 25 then 'Twenty five'
-> else 'Others'
-> end 'Status'
-> from supplier;
+-----+-----+
| sname | Status |
+-----+-----+
| Siran | Ten    |
| Bloke | Twenty |
| Arun  | Thirty |
| Kirun | Fifteen|
| Tarun | Twenty five|
+-----+-----+
5 rows in set (0.03 sec)

mysql> 
```

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

```
mysql> select dayname(sysdate()) from dual;
+-----+
| dayname(sysdate()) |
+-----+
| Thursday            |
+-----+
1 row in set (0.07 sec)

mysql> 
```