

SQL Exercise 3

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

```
mysql> select concat(upper(left(Sname, 1)), lower(substring(Sname, 2))) as  
      Init_Capital
```

```
-> from supplier;
```

```
+-----+
```

```
| Init_Capital |
```

```
+-----+
```

```
| Supplier1  |
```

```
| Supplier2  |
```

```
| Supplier3  |
```

```
+-----+
```

```
3 rows in set (0.00 sec)
```

2. Display all the Supplier names in upper case.

```
mysql> select upper(Sname) from supplier;
```

```
+-----+
```

```
| upper(Sname) |
```

```
+-----+
```

```
| SUPPLIER1  |
```

```
| SUPPLIER2  |
```

```
| SUPPLIER3  |
```

```
+-----+
```

3. Display all the Supplier names in lower case.

```
mysql> select lower(Sname) from supplier;
```

```
+-----+
```

```
| lower(Sname) |
```

```
+-----+
```

```
| supplier1  |
```

```
| supplier2  |
```

```
| supplier3  |
```

```
+-----+
```

```
3 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 supplier;
```

```
+-----+
```

```
| lpad(Sname, 25, ' ') |
```

```
+-----+
```

```
|      Supplier1 |
```

```
|      Supplier2 |
```

```
|      Supplier3 |
```

```
+-----+
```

```
3 rows in set (0.00 sec)
```

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

```
mysql> select replace (Sname, 'li', 'ro') from supplier;
```

```
+-----+
```

```
| replace (Sname, 'li', 'ro') |
```

```
+-----+
```

```
| Supproer1      |
```

```
| Supproer2      |
```

```
| Supproer3      |
```

```
+-----+
```

```
3 rows in set (0.00 sec)
```

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

```
mysql> select replace(replace(Sname, 'l', 'r'), 'e', 'o') from supplier;
```

```
+-----+
```

```
| replace(replace(Sname, 'l', 'r'), 'e', 'o') |
```

```
+-----+
```

```
| Supprior1      |
```

```
| Supprior2      |
```

```
| Supprior3      |
```

```
+-----+
```

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

```
mysql> select Sname,length(Sname) from supplier;
```

```
+-----+-----+  
| Sname  | length(Sname) |
```

```
+-----+-----+
```

```
| Supplier1 |      9 |
```

```
| Supplier2 |      9 |
```

```
| Supplier3 |      9 |
```

```
+-----+-----+
```

```
3 rows in set (0.00 sec)
```

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

```
mysql> select Sname from supplier
```

```
-> where soundex(Sname) = soundex('Supplier');
```

```
+-----+
```

```
| Sname  |
```

```
+-----+
```

```
| Supplier1 |
```

```
| Supplier2 |
```

```
| Supplier3 |
```

```
+-----+
```

```
3 rows in set (0.00 sec)
```

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'
```

```
-> else 'other'
```

```
-> end
```

```
-> from supplier;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
```

```
| Sname    | case
```

```
| Supplier1 | Ten
|
```

```
| Supplier2 | Twenty
|
```

```
| Supplier3 | Thirty
```

```
3 rows in set (0.00 sec)
```

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

```
mysql> select dayname(curdate()) as Day;
```

```
+-----+
```

```
| Day  |
```

```
+-----+
```

```
| Sunday |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```