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
))) AS capitalized_supplier_name
    -> FROM supp;
+---------------------------+
| capitalized_supplier_name |
+---------------------------+
| Sarika                    |
| Shravani                  |
| Shweta                    |
+---------------------------+
3 rows in set (0.01 sec)
```

2. Display all the Supplier names in upper case.

   select upper(sname) from supplier;


```
mysql> select upper(sname) from supp;
+--------------+
| upper(sname) |
+--------------+
| SARIKA       |
| SHRAVANI     |
| SHWETA       |
+--------------+
3 rows in set (0.00 sec)
```


3. Display all the Supplier names in lower case.


```
mysql> select lower(sname) from supp;
+--------------+
| lower(sname) |
+--------------+
| sarika       |
| shravani     |
| shweta       |
+--------------+
3 rows in set (0.00 sec)
```

4. Display all the Supplier names padded to 25 characters, with spaces on the left.
   select lpad(sname,25,' ') from supplier;

```
mysql> select lpad(sname,25,' ') from supp;
+-------------------------+
| lpad(sname,25,' ')      |
+-------------------------+
|                  sarika |
|                shravani |
|                  shweta |
+-------------------------+
3 rows in set (0.00 sec)
```

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

   select sname,replace(sname,'ra','ro') ra_ro from supplier;

```
mysql> select sname,replace(sname,'ra','ro') ra_ro from supp;
+----------+----------+
| sname    | ra_ro    |
+----------+----------+
| sarika   | sarika   |
| shravani | shrovani |
| shweta   | shweta   |
+----------+----------+
3 rows in set (0.00 sec)
```

6. Execute the above command with the translate function and note the difference in output.
7.

```
mysql> SELECT UPPER(SUBSTRING(sname, 1, 1)) || LOWER(SUBSTRING(sname, 2)) AS
  sname FROM supp;
+-------+
| sname |
+-------+
|     0 |
|     0 |
|     0 |
+-------+
3 rows in set, 7 warnings (0.01 sec)
```

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

   select sname, length(sname) from supplier;

```
mysql> select sname, length(sname) from supp;
+----------+---------------+
| sname    | length(sname) |
+----------+---------------+
| sarika   |             6 |
| shravani |             8 |
| shweta   |             6 |
+----------+---------------+
3 rows in set (0.00 sec)
```

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

```
mysql> SELECT sname
    -> FROM supp
    -> WHERE SOUNDEX(sname) = SOUNDEX('Sarika');
+--------+
| sname  |
+--------+
| sarika |
+--------+
1 row in set (0.00 sec)
```

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

    select sname, status from supplier;

```
mysql> select sname, status from supp;
+----------+--------+
| sname    | status |
+----------+--------+
| sarika   |      0 |
| shravani |      1 |
| shweta   |      0 |
+----------+--------+
3 rows in set (0.00 sec)
```

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

select dayname(curdate()) day;

```
mysql> select dayname(curdate()) day;
+---------+
| day     |
+---------+
| Tuesday |
+---------+
1 row in set (0.00 sec)
```