SQL Exercise 3

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

Ans: select Sname from Supplier where substring(Sname,1,1)=upper(substring(Sname,1,1));
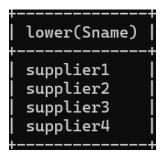
```
+-----------+
| Sname     |
+-----------+
| Supplier1 |
| Supplier2 |
| Supplier3 |
| Supplier4 |
+-----------+
```

2. Display all the Supplier names in upper case.

Ans: select upper(Sname) from Supplier;

```
+--------------+
| upper(Sname) |
+--------------+
| SUPPLIER1    |
| SUPPLIER2    |
| SUPPLIER3    |
| SUPPLIER4    |
+--------------+
```

3. Display all the Supplier names in lower case.

Ans: select lower(Sname) from Supplier;

```
+--------------+
| lower(Sname) |
+--------------+
| supplier1    |
| supplier2    |
| supplier3    |
| supplier4    |
+--------------+
```

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

Ans: select lpad(Sname,25,' ') from Supplier;

```
+---------------------------+
| lpad(Sname,25,' ')        |
+---------------------------+
|                 Supplier1 |
|                 Supplier2 |
|                 Supplier3 |
|                 Supplier4 |
+---------------------------+
```

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

HINT: REPLACE.

Ans: select replace(Sname,'la','ro') from Supplier;

```
+------------------------+
| replace(Sname,'la','ro') |
+------------------------+
| Supplier1              |
| Supplier2              |
| Supplier3              |
| Supplier4              |
| lero                   |
+------------------------+
```

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

Ans: select replace(replace(Sname,'l','r'),'a','o') as updatedName from Supplier;

```
+-------------+
| updatedName |
+-------------+
| Supprier1   |
| Supprier2   |
| Supprier3   |
| Supprier4   |
| rero        |
+-------------+
```

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

Ans: select Sname,length(Sname) as SnameLength from Supplier;

```
+-----------+-------------+
| Sname     | SnameLength |
+-----------+-------------+
| Supplier1 |           9 |
| Supplier2 |           9 |
| Supplier3 |           9 |
| Supplier4 |           9 |
| lela      |           4 |
+-----------+-------------+
```

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

Ans: select Sname from Supplier where soundex(Sname)=soundex('BLOKE'');

```
+-------+
| Sname |
+-------+
| block |
+-------+
```

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

Ans: select Sname,

      case

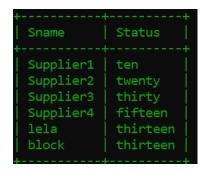   **when Status=10 then 'ten'**

                when Status=20 then 'twenty'

               when Status=30 then 'thirty'

               when Status=15 then 'fifteen'

               when Status=13 then 'thirteen'

      end as Status

    from supplier;

```
+-----------+----------+
| Sname     | Status   |
+-----------+----------+
| Supplier1 | ten      |
| Supplier2 | twenty   |
| Supplier3 | thirty   |
| Supplier4 | fifteen  |
| lela      | thirteen |
| block     | thirteen |
+-----------+----------+
```

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

Ans: select dayname(now()) as Currentday;

```
+------------+
| Currentday |
+------------+
| Friday     |
+------------+
```