

Exercise 03

SQL Exercise 3

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

```
SELECT INITCAP(SupplierName) AS CapitalizedSupplierName
FROM Supplier;
```

2. Display all the Supplier names in upper case:

```
SELECT UPPER(SupplierName) AS UpperCaseSupplierName
FROM Supplier;
```

3. Display all the Supplier names in lower case:

```
SELECT LOWER(SupplierName) AS LowerCaseSupplierName
FROM Supplier;
```

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

```
SELECT LPAD(SupplierName, 25) AS PaddedSupplierName
FROM Supplier;
```

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

```
SELECT REPLACE(SupplierName, 'la', 'ro') AS ReplacedSupplierName
FROM Supplier;
```

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

```
SELECT REPLACE(REPLACE(SupplierName, 'l', 'r'), 'a', 'o') AS ReplacedSupplierName
FROM Supplier;
```

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

```
SELECT SupplierName, LENGTH(SupplierName) AS NameLength
FROM Supplier;
```

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

```
SELECT SupplierName
FROM Supplier
WHERE SOUNDEX(SupplierName) = SOUNDEX('BLOKE');
```

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

```
SELECT SupplierName,
       CASE status
         WHEN 10 THEN 'Ten'
         WHEN 20 THEN 'Twenty'
         WHEN 30 THEN 'Thirty'
         ELSE 'Unknown'
       END AS StatusInWords
FROM Supplier;
```

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

```
SELECT TO_CHAR(SYSDATE, 'Day') AS CurrentDay  
FROM dual;
```