SQL Exercise 3

1. Display all the Supplier names with the initial letter capital.
   - ➔
   SELECT CONCAT(UPPER(LEFT(sname, 1)), LOWER(SUBSTRING(sname, 2)))
   AS CapitalizedNames

FROM Suppliers;

2. Display all the Supplier names in upper case.
   - ➔ SELECT UPPER(sname) AS UppercaseNames
     FROM Suppliers;

3. Display all the Supplier names in lower case.
   - ➔ SELECT LOWER(sname) AS LowercaseNames
     FROM Suppliers;

4. Display all the Supplier names padded to 25 characters, with spaces on the left.
   - ➔ SELECT LPAD(sname, 25, ' ') AS LeftPaddedNames
     FROM Suppliers;

5. Display all the Supplier names (with 'la' replaced by 'ro').
     HINT: REPLACE.
   - ➔ SELECT REPLACE(sname, 'la', 'ro') AS
     ModifiedNames
   FROM Suppliers;

6. Implement the above command such that 'l' is replaced with 'r' and 'a' is replaced with 'o'.
   - ➔ SELECT REPLACE(REPLACE(sname, 'l', 'r'), 'a', 'o') AS ModifiedNames
     FROM Suppliers;

7. Display the Supplier names and the lengths of the names.
   - ➔ SELECT sname, CHAR_LENGTH(sname) AS NameLength
     FROM Suppliers;

8. Use the soundex function to search for a supplier by the name of 'BLOKE'.
   - ➔ SELECT sname FROM Suppliers
     WHERE SOUNDEX(sname) = SOUNDEX('BLOKE');

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

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sname,
        CASE status
            WHEN 10 THEN 'Ten'
            WHEN 20 THEN 'Twenty'
            WHEN 30 THEN 'Thirty'
            WHEN 40 THEN 'Forty'
            WHEN 50 THEN 'Fifty'
            ELSE CAST(status AS CHAR)
        END AS StatusInWords
    FROM Suppliers;

10. Display the current day (e.g. Thursday).
    ➔ SELECT DAYNAME(CURRENT_DATE()) AS CurrentDay;

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