**Exercise 1: Concatenation of Strings**

**Problem:**  
Write an SQL query to concatenate the first name and last name of employees from the employees table, separated by a space. Alias the result as FullName.

**Solution:**

SELECT CONCAT(first\_name, ' ', last\_name) AS FullName

FROM employees;

**Exercise 2: Finding String Length**

**Problem:**  
Write an SQL query to find the length of the employee's first name from the employees table.

**Solution:**

SELECT first\_name, LENGTH(first\_name) AS NameLength

FROM employees;

**Exercise 3: Extracting a Substring**

**Problem:**  
Write an SQL query to extract the first 3 characters of the last name from the employees table.

**Solution:**

SELECT last\_name, SUBSTRING(last\_name, 1, 3) AS FirstThreeChars

FROM employees;

**Exercise 4: Changing Case to Uppercase**

**Problem:**  
Write an SQL query to convert all first names from the employees table to uppercase.

**Solution:**

SELECT first\_name, UPPER(first\_name) AS UpperCaseName

FROM employees;

**Exercise 5: Changing Case to Lowercase**

**Problem:**  
Write an SQL query to convert all last names from the employees table to lowercase.

**Solution:**

SELECT last\_name, LOWER(last\_name) AS LowerCaseName

FROM employees;

**Exercise 6: Trimming Spaces**

**Problem:**  
Write an SQL query to remove leading and trailing spaces from the address column in the customers table.

**Solution:**

SELECT address, TRIM(address) AS TrimmedAddress

FROM customers;

**Exercise 7: Finding the Position of a Substring**

**Problem:**  
Write an SQL query to find the position of the first occurrence of the letter 'a' in the first names of employees.

**Solution:**

SELECT first\_name, LOCATE('a', first\_name) AS PositionA

FROM employees;

**Exercise 8: Replacing a Substring**

**Problem:**  
Write an SQL query to replace all occurrences of 'Street' with 'St.' in the address column of the customers table.

**Solution:**

SELECT address, REPLACE(address, 'Street', 'St.') AS UpdatedAddress

FROM customers;

**Exercise 9: Reversing a String**

**Problem:**  
Write an SQL query to display the reversed first names of employees.

**Solution:**

SELECT first\_name, REVERSE(first\_name) AS ReversedName

FROM employees;

**Exercise 10: Padding a String**

**Problem:**  
Write an SQL query to pad employee IDs with leading zeros to make them 5 digits long.

**Solution:**

SELECT employee\_id, LPAD(employee\_id, 5, '0') AS PaddedID

FROM employees;