

17. Write SQL Query using following String operations

-- Create Student table

```
CREATE TABLE Student (  
    student_id INT PRIMARY KEY,  
    name VARCHAR(100),  
    email VARCHAR(100)  
);
```

-- Insert data into Student table

```
INSERT INTO Student VALUES (1, 'John Doe', 'john.doe@example.com');  
INSERT INTO Student VALUES (2, 'Alice Smith', 'ALICE.SMITH@example.com');  
INSERT INTO Student VALUES (3, 'Bob Johnson', 'bob.johnson@example.com');
```

-- String operations examples

-- upper: Converts a string to uppercase

```
SELECT name, UPPER(name) AS upper_name FROM Student;
```

-- lower: Converts a string to lowercase

```
SELECT email, LOWER(email) AS lower_email FROM Student;
```

-- replace: Replaces occurrences of a substring within a string

```
SELECT email, REPLACE(email, '@', '[at]') AS replaced_email FROM Student;
```

-- reverse: Reverses a string

```
SELECT name, REVERSE(name) AS reversed_name FROM Student;
```

-- lpad: Left-pads a string with another string to a certain length

```
SELECT name, LPAD(name, 15, '-') AS padded_name FROM Student;
```