

CSE-4508 Lab Task 03

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Task 2

Task 2

```
SET SERVEROUTPUT ON;

SELECT c.Customer_Name, c.Customer_ID, s.Lifetime_Usage
FROM Customers c
JOIN Subscriptions s ON c.Subscription_ID = s.Subscription_ID
ORDER BY s.Lifetime_Usage DESC
FETCH FIRST 5 ROWS ONLY;
```

Task 3

Task 3

```
SELECT c.Customer_Name, c.Date_of_Birth, a.District, a.Division
FROM Customers c
JOIN Addresses a ON c.Address_ID = a.Address_ID
JOIN Subscriptions s ON c.Subscription_ID = s.Subscription_ID
WHERE s.Lifetime_Usage > (
    SELECT AVG(Lifetime_Usage)
    FROM Subscriptions
    WHERE Subscriber_Type = 'Prepaid' AND Subscriber_Level = 'Silver'
);
```

Task 3

Task 4

Task 4

```
SELECT COUNT(*)
FROM Customers c
JOIN Addresses a ON c.Address_ID = a.Address_ID
JOIN Subscriptions s ON c.Subscription_ID = s.Subscription_ID
WHERE s.Lifetime_Usage > (
    SELECT AVG(Lifetime_Usage)
    FROM Subscriptions
    WHERE Subscriber_Type = 'Prepaid' AND Subscriber_Level = 'Silver'
) AND a.District = 'Dhaka';
```

Task 4

Task 5

```
SELECT
CASE
    WHEN c.Customer_Name LIKE '%John%' THEN 'Mr. ' || c.
        Customer_Name
    ELSE 'Ms. ' || c.Customer_Name
END AS Full_Name
FROM Customers c;
```

Task 6

Task 6

Task 6

```
SELECT INITCAP(TRIM(Customer_Name)) AS Capitalized_Name
FROM Customers;
```

Task 7

Task 7

```
SELECT Customer_Name, INSTR(Customer_Name, 'an') AS Position
FROM Customers
WHERE INSTR(Customer_Name, 'an') > 0;
```

Task 8

```
SELECT LOWER(Customer_Name) AS Lowercase_Name FROM Customers;
```

Task 9

```
SELECT UPPER(Customer_Name) AS Uppercase_Name FROM Customers;
```

Task 10

```
SELECT Customer_Name, LENGTH(Customer_Name) AS Name_Length FROM Customers;
```

Task 11

```
SELECT LPAD(Customer_Name, 15, '*') AS Padded_Name FROM Customers;
```

Task 12

```
SELECT LTRIM(Customer_Name) AS Trimmed_Name FROM Customers;
```

Task 13

```
SELECT SUBSTR(Customer_Name, 1, 5) AS First_Five_Chars FROM Customers;
```

Task 14

```
SELECT a.Division, COUNT(*) AS Customer_Count  
FROM Customers c  
JOIN Addresses a ON c.Address_ID = a.Address_ID  
GROUP BY a.Division;
```