String Function lab

3)

Query

```sql
SELECT
    serverName,
    LEFT(serverName, CHARINDEX('.', serverName + '.') - 1) AS firstPart
FROM
    Servers;
```

creating the Servers table and insert some sample data.

```sql
CREATE TABLE Servers (
    serverName VARCHAR(100)
);
```

```sql
INSERT INTO Servers (serverName) VALUES
('Server1.ibm.usa'),
('Server2.ibm.iowa.iowacity.usa'),
('Server3'),
('MainServer.eu.central'),
('BackupServer');
```

```sql
SELECT
    serverName,
    LEFT(serverName, CHARINDEX('.', serverName + '.') - 1) AS firstPart
FROM
    Servers;
```

4)

```sql
SELECT
    serverName,
    RIGHT(serverName, CHARINDEX('.', REVERSE(serverName) + '.') - 1) AS lastPart
FROM
    Servers;
```

REVERSE (serverName): Reverses the string so we can find the last period using CHARINDEX.

CHARINDEX ('.', REVERSE(serverName) + '.'): Finds the position of the first period in the reversed string. We append a period (.) to handle cases where there is no period.

RIGHT (serverName, ...): Extracts the substring from the end of serverName based on the position found.