Common Table Expressions :

Common Table Expressions (CTEs) are a powerful feature in MySQL that allow you to define temporary results/sets that can be referenced within a 'SELECT', 'INSERT', 'UPDATE' on 'DELETE' statement.

Syntax:

```
WITH cte-name                    AS (
    -- CTE Query
    SELECT....
)

cte-name AS (
    --Another CTE query
    SELECT.. .
)

--Main Query
SELECT .....
FROM cte-name .
```

Note: A CTE-Name basically holds a table not a single value.

* Query: list all the employees whose salary in between Average salary of IT department and Max salary of marketing department.

CTE-1:
```
WITH AVGIT AS (
        SELECT  AVG (Salary) AS Sal1
        FROM    Employees
        WHERE   Department_Name = 'IT'
    ),
```

CTE-02: MAXMKT AS (
```
        SELECT  MAX (Salary) AS Sal2
        FROM    Employees
        WHERE   Department_Name = 'Marketing' (
    )
```

Main query:
```
    SELECT  *
    FROM    Employees
    WHERE  Salary > (SELECT Sal1 FROM AVGIT) AND
            Salary < (SELECT Sal2 FROM MAXMKT);
```