**Database Management System - Assignments**

**Session 4**

**Assignment 1:**

* Create a function to calculate number of orders in a month. Month and year will be input parameter to function.
* Create a function to return month in a year having maximum orders. Year will be input parameter.

**Assignment 2:**

* Create a Stored procedure to retrieve average sales of each product in a month. Month and year will be input parameter to function.
* Create a stored procedure to retrieve table having order detail with status for a given period. Start date and end date will be input parameter. Put validation on input dates like start date is less than end date. If start date is greater than end date take first date of month as start date.

**Assignment 3:**

* Identify the columns require indexing in order, product, category tables and create indexes.