**Assignment – 08 Functions & Stored Procedures**

Create a table in SQL developer and name it as ‘MyFoodDestination’. The table should consists of only four attributes as follows:

• Place\_ID, which will be the primary key with the number length of 2.

• Place\_Name, with the maximum character length of 30.

• Special\_Dish, with the maximum character length of 30.

• Dish\_Price, with only two decimal values after the points.

Insert at least three records with the above given attributes. Place\_ID values should be 1, 2 ,3 and so forth. Place\_Name is the name of the restaurant or hotel you would like to visit when you want to eat out. Special\_Dish is the name to the dish you would like to eat in that restaurant. Dish\_Price the price of the mentioned dish. Hope everyone has good preferences in food.



Now here comes the programming part:

1. Create a procedure to get your Special\_Dish. You should get the Special\_Dish, i.e., the dish name, based on the Place\_Name you entered during the run time (Place\_Name is the data you enter during the insertion of the table).

• If the value doesn’t match with any Place\_Name then user should display

‘**I don’t have any special dish in XXX’**, where XXX is the Place\_name you enter.

• If the value matches one of Place\_Name, the Special\_Dish of that place should be displayed as ‘**The special dish in xxx is yyy’**. Where xxx will be the place\_name and yyy will be the special\_dish.

2. Create a function named ‘FindAverage’ to find the average of those prices given to each dish from the ‘MyFoodDestination’ table.

3. Create a procedure named “PrintAverage” that prints the value returned by the above function FindAverage.

• The output should be ‘**The average value is xxx’**

Where xxx will be the average value.

4. Create a function named ’FindMax’ to find the maximum of those prices given to each dish from ‘MyFoodDestination’ table.

5. Create a procedure named ‘PrintMax’ that prints the values returned from the above function and specify the dish name along with the price.

• The output should be ‘**The name of the dish with maximum price is xxx and the price is yyy’.** Where xxx will be the dish name and yyy is the price.

**For submission:**

**Answer all five questions in .sql file. Comment the question number corresponding to the answers to identify each answer separately. Please submit that with file name as LastName\_Assignment08.**