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Assignment 08

44560: AdB

PLSQL, Stored Functions and Procedures

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

- Restaurant_ID, which will be a primary key with the number length of 2.
- Restaurant_Name, with the maximum character length of 30.
- Special_Item, with the maximum character length of 30.
- Item_Price, with only two decimal values after the points.

Insert at least three records with the above given attributes. Restaurant_ID values should be 1, 2 ,3 and so forth. Restaurant_Name is the name of the restaurant or hotel you would like to visit when you want to eat out. Special_Item is the name to the food item you would like to eat in that restaurant. Item_Price is the price of the mentioned item.

1. Create a stored procedure named `getSpecialItem` with a parameter that is the name of the restaurant.

   - If the parameter doesn't match the name of a restaurant stored in the database, you should print `I do not have special items at <name of restaurant>`
   - If the parameter matches the name of a restaurant stored in the database, print `The special item at <name of restaurant> is <food>`

2. Create a function called `findAveragePrice` that finds and returns the average price of the special items in the table

3. Create a stored procedure named `printAveragePrice` that prints the value returned by the function above: `The average price value is <result>`

4. Create a function called `findMaxPrice` that finds and returns the price of the most expensive item in the table

5. Create a stored procedure named `printMaxPrice` that prints the name and price of the most expensive item in the table: `The name of the most expensive item is <name> with price <price>`

Do all parts of the assignment in a `.sql` file, with comments indicating the question that is being answered. Name the file `lastname_assignment08.sql` and push them to this repository

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Languages

- ● **PLSQL** 100.0%