SQL Marathon

Dataset:

Use the attached 'superstore_B' schema developed in the previous labs.

Tasks:

Stored Procedures:

1. Create a stored procedure that can be used to insert a new customer in customers.
2. Create a stored procedure that can be used to display the address against a given customer ID. The displayed table should not contain any fields other than the customer's ID and their address fields.
3. Create a stored procedure that can be used to display the top 3 cities by customer population size, and the bottom 3 cities by customer population size. Your results should be displayed in a single table.
4. Create a stored procedure that outputs the average customer population in all cities.
5. Create a stored procedure that can identify the best-selling product in a given year.
6. Create a stored procedure that identifies all dead inventory items in a given year.
7. Create a stored procedure that identifies budget customers, i.e., customers that only buy products that have sales prices lower than the average product price in its sub-category.
8. Create a stored procedure that finds the average, minimum and maximum prices against a product search string (single word), e.g., prices of 'USB' products.
9. Create a stored procedure that displays all USB products that match the given size in GBs.
10. Create a stored procedure that can be used to insert new records containing a customer's IBAN and credit card numbers (customers may have more than one accounts). Your procedure may create a new table if needed or store the information in existing tables as appropriate.

systems