SQL Lab-1

Basak Taylan

October 2020

1. Create Database named "Lab1"

2. List all the databases in your SQL server

3. Change your current database to Lab1

4. List all the tables in Lab1 Database

5. Create CUSTOMER table with the proper attribute name and types.

Customer_Id	Customer_Name	Street	City	State	Zipcode	Item_Id	Purchase_Date	Purchase_Time
123	Alfreds Futterkiste	123 Ocean Ct	Edison	NJ	63343	2430	current date	current time
134	Ana Trujillo	45 West 14th St	NYC	NY	10012	2540	current date	current time
143	Luis Hamptons	77 East Pkw	Piscataway	NJ	64334	7764	current date	current time
111	Henry Polsberg	232 Leichester Rd	Brooklyn	NY	12566	2321	current date	current time
125	Susan Mayer	222 West 45th St	NYC	NY	10036	12111	current date	current time
123	Alfreds Futterkiste	123 Ocean Ct	Edison	NJ	63343	3330	current date	current time
176	Hanna Tailor	3 West 4th St	NYC	NY	10001	1287	current date	current time
134	Ana Trujillo	45 West 4th St	NYC	NY	10012	7764	current date	current time
126	Adam Broody	234 East 3th St	NYC	NY	10022	4533	current date	current time
155	Markus Mark	10 8th Ave	Brooklyn	NY	11220	3233	current date	current time

6. List all the customer information for the customers who lives in NY state.

7. List all customer information for the customers who lives in NYC.

8. List all customer information for the customers with customer number less than 150.

9. List all customer information for the customers with customer number greater than or equal to 150.

10. List all customer information.

11. List all customer name and address whose name is alphabetically comes after letter 'K'

12. List all customer name and customer id for the customers whose name is alphabetically comes before 'Kate'

13. List unique customer names.

14. List all the customer information whose customer id is between 120 and 151.

15. Create PRODUCT table with the proper attribute name and types.

Item_Id	Product_Description	Product_Type	Manufacturer	Origin	Quantity
2430	Ogx Shampoo	Cleaning	Ogx Group	USA	5
2540	Nescafe Coffee Machine	Small Appliances	Nescafe Electronics	USA	13
7764	Braun Mixer	Small Appliances	Braun	Germany	23
2321	Ogx Conditioner	Cleaning	Ogx Group	USA	65
12111	Emily Sofabed	Furniture	Zinus	China	26
3330	Earrings	Accessories	Christian Dior	France	32
1287	JBL Headphones	Electronics	JBL	USA	2
2888	Laptop	Electronics	Lenovo	China	21
5666	Alarm	Electronics	Sony	Japan	5

16. List all the tables in your current database

17. List everything in your Product Table.

18. List all Ogx Group products with product ID, description and their quantities.

19. List all product descriptions and quantities from Product table

20. List all cleaning product IDs and descriptions.

21. List all the manufacturers located in China.

22. Your manager asked you to re-order some of the products whose quantity is less than 10 items for your inventory. Write a query that finds out product ids and manufacturers of those products.

23. List all the electronic and furniture manufacturers.

24. List all customer names, customer ids, item IDs they bought and item descriptions.

25. List all the customer names who bought electronics.