Exercises on Foodmart

- Write SQL queries to output:

1. number of customers who spent more than 50% of their total in the store by store

2. number of customers who spent the largest amount of their total in the store by store

3. number of customers with total sales in the store lower or equal than 100 by store

4. number of customers with at least one day with total sales in the store greater or equal than 100 by store

5. number of customers with no day with total sales in the store greater or equal than 100 (but with at least one sale in the store) by store

Exercises on Foodmart

- Write SQL queries to output:

6. all triples customer_id, the_year, month_of_the_year in which the customer bought something in that month but nothing in the next month.

7. the ratio of total sales to a customer in a year-month over the total sales to the customer in that year, by customer and year-month

8. the top spending day of week, by customer

9. the 10 top spending customers and the ratio of their spending over the total sales of the store, by store_id

10. add to the previous query also the running total of the top k customers, for k=1, …, 10

11. add to the previous query also the delta between customer k and k+1, for k=1,…,9