Exercise: Managing users, max 5p

Instructions

Return .sql script which is doing the following tasks. Comment on top the sql statement for which task it is.

For example

Task 1

create user…

Task 2

GRANT …

Each task is worth of 0,5p.

1. As root user: Create user matt with password test

2. Grant SELECT privilege for salesman table to matt
   As matt query all salesman
   As matt try to query all customer names from customer table. What happens and why?

3. As root user:
   Grant SELECT and DELETE privileges to customer and orders tables to matt
   Grant UPDATE privilege to orders table to matt

4. As matt
   Find all the customers (all columns) from customer table
   Update purch_amount to 5800 from order which id equals to 70008

5. As root user:
   Create user lisa with password test

6. As root user:
   Create a role called staff
   Grant role staff to lisa and matt
   Grant SELECT, UPDATE and INSERT privileges to all your tables in the database (salesman, customer, orders) to staff role

7. As lisa
   Write SELECT, INSERT and UPDATE SQL command to one of the tables and check if that works.
   Try to delete the row you inserted before. What happens?

8. Do the same as in the previous task but as matt. Is there any difference compared to what you did as lisa?

9. As root user:
   drop DELETE privilege from customer and orders tables from matt. Try out that Matt cannot delete rows anymore from these tables.

10. As root user:
    Drop user lisa.