



## CT60A7650 Database Systems Management - Luento-opetus 7.3.2022-22.4.2022

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### HW5 instructions: Roles and functions

- Create the following roles: **user**, **manager**, **owner**. Grant all privileges to owner, read privileges to user, and insert privileges to manager.
- Create a new role: **trainee**. Grant privileges only to columns **orderdate** and **shippeddate** to **trainee** and set the role valid until 30.5.2022.
- Create a function **get\_shipping\_info(varchar)** that returns a table. The table should have the following columns **shipname**, **shipaddress**, **shipcity**, **shipcountry**. The function should return orders where the shipname matches the given string.
- Extend the function in c) so that it accepts three parameters: **get\_shipping\_info(varchar, timestamp, money)**. The function should return orders where the shipname matches the given string, orderdate is equal or earlier than the given timestamp and finally, freight cost is +-10€ from the given money.

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#### ◀ Submission of HW4

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