TP2 User Privileges

1. Imagine you have 3 roles in your industries that can access your database classicmodels, but they have different permission.
   To do:
   - Employee: "employee" role:
     - can select, update customer, but he/she can't delete (customer)
     - can manage the order (create, update, select or read and delete) (orders)
     - can read the order details, but can't update (orderdetails)
     - can manage products/productline (select, update, delete, and create)
   - Manager: "manager" role:
     - manage all tables in database classicmodels
   - Investor/CEO/The one who manage the whole company: "boss" role:
     - manage all databases and tables

➔ Employee: there are three users "sokty", "kataro" and "uchhi" (create users and assign role as employee)

➔ Manager: there is a user "madara" (create users and assign role as manager)

➔ Investor/CEO/The one who manage the whole company: there is a user "makara" (create user and assign role as "boss")
   - CEO revoke the permission madara and grant him as seller and then try to access user madara does he still capable to manage all tables or not? (try access only tables employees. If you can't access, you finish the revoke permission and grant him the seller roles)
   - kataro promote as manager (try to access, select, and delete tables in employees)

*Here is some tips:
   -sample create role

   create role 'name','name1';

   # we define role which capable to reduce assigning the same privileges
   to user

   -sample grant permission to role:

   grant all on databasename.table to 'name_role';

   #grant all permission to name_role to manage the whole databasename and table
   grant insert, update, delete on app_db.* to 'app_write';

   -sample assign role to user

   grant 'name_role' to 'user'@'%';

   #so basically user will receive the role and permission to access to privileges.

   -sample revoke

   revoke select on database.table from 'user'@'…';
   #revoke read database_name and table from specific user

   revoke all on *.* from 'name_role';
   #revoke all permission database and table from 'name_role';

revoke 'role1','role2' from 'user'@'..','user2'@'…';