Task 4. Prepare answers to the following questions

1. How can one restrict access to certain columns of a database table?

To restrict access to certain columns in PostgreSQL: we should use views to expose selected columns and grant access to the view, not the table.

1. What is the difference between user identification and user authentication?

Identification is confirming who the user is. authentication is verifying they are who they claim to be.

1. What are the recommended authentication protocols for PostgreSQL?

password-based, GSSAPI, and certificate-based authentication.

1. What is proxy authentication in PostgreSQL and what is it for? Why does it make the previously discussed role-based access control easier to implement?

Allows one user to authenticate on behalf of another. It simplifies role-based access by allowing proxy users to assume specific roles.