

Database Programming with SQL

17-1: Controlling User Access

Practice Activities

Objectives

- Compare the difference between object privileges and system privileges
- Construct the two commands required to enable a user to have access to a database
- Construct and execute a GRANT... ON ...TO statement to assign privileges to objects in a user's schema to other users and/or PUBLIC
- Query the data dictionary to confirm privileges granted

Try It / Solve It

1. What are system privileges concerned with?
2. What are object privileges concerned with?
3. What is another name for object security?
4. What commands are necessary to allow Scott access to the database with a password of tiger?
5. What are the commands to allow Scott to SELECT from and UPDATE the d_clients table?
6. What is the command to allow everybody the ability to view the d_songs table?
7. Query the data dictionary to view the object privileges granted to you the user.
8. What privilege should a user be given to create tables?
9. If you create a table, how can you pass along privileges to other users just to view your table?

10. What syntax would you use to grant another user access to your copy_employees table?
11. How can you find out what privileges you have been granted for columns in the tables belonging to others?