DAY 10 :

Assignment 4:

Create a new database user with specific privileges using the CREATE USER and GRANT commands. Then, write a script to REVOKE certain privileges and DROP the user.

ANSWER:

In this script we create a new database user with specific privileges using the CREATE USER and GRANT commands, followed by revoking certain privileges using the REVOKE command and dropping the user using the DROP USER command:

-- Create a new database user

CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'password';

-- Grant privileges to the new user

GRANT SELECT, INSERT, UPDATE ON database_name.* TO 'new_user'@'localhost';

-- Revoke certain privileges from the user

REVOKE UPDATE ON database_name.* FROM 'new_user'@'localhost';

-- Drop the user DROP USER 'new_user'@'localhost';

In this script:

Replace 'new_user' with the desired username for the new user.

Replace 'password' with the desired password for the new user.

Replace 'database_name' with the name of the database to which you want to grant/revoke privileges.

Adjust the list of privileges (SELECT, INSERT, UPDATE, DELETE, etc.) as needed for your requirements.

This script creates a new user, grants certain privileges to that user, revokes specific privileges, and finally drops the user from the database