

Assignment 8: 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.

Below is an example script demonstrating the creation of a new database user with specific privileges using the CREATE USER and GRANT commands, followed by the revoking of certain privileges and dropping the user using the REVOKE and DROP USER commands:

-- Create a new database user

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

-- Grant specific privileges to the new user

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

-- Revoke UPDATE privilege from the user

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

-- Drop the user

```
DROP USER 'new_user'@'localhost';
```

In this script:

We create a new database user named 'new_user' with the password 'password'.

We grant the user specific privileges (SELECT, INSERT, UPDATE) on all tables within the database named database_name.

Then, we revoke the UPDATE privilege from the user, removing their ability to update data in the database.

Finally, we drop the user, which removes the user and their associated privileges from the database.

Replace 'new_user', 'localhost', 'password', and database_name with appropriate values based on your requirements. Additionally, ensure you have the necessary privileges to execute these commands, typically requiring CREATE USER, GRANT, REVOKE, and DROP USER privileges.