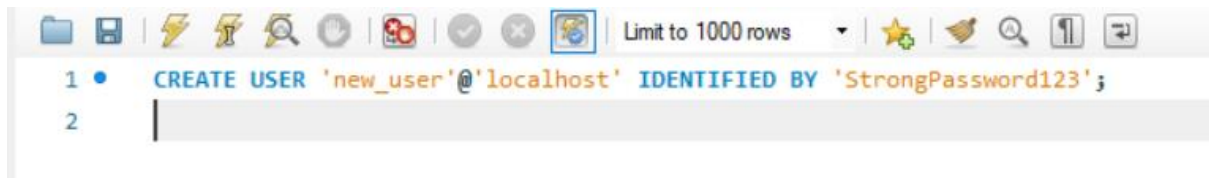


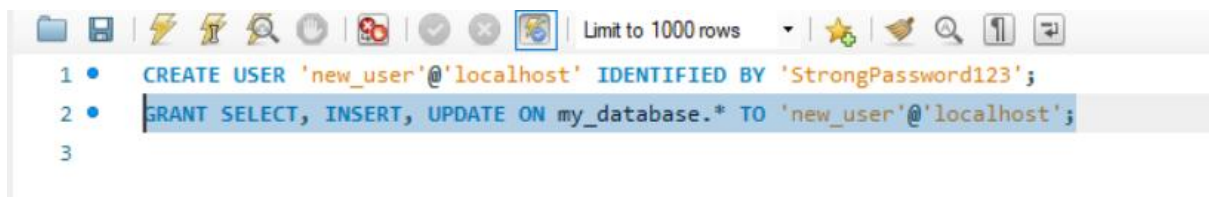
**Assignment 6:** Create a new database user with specific privileges using the CREATE USER and GRANT commands. Then, write a script to REVOKE certain privileges and DROP the user.

**Step 1 :** Create a New User.



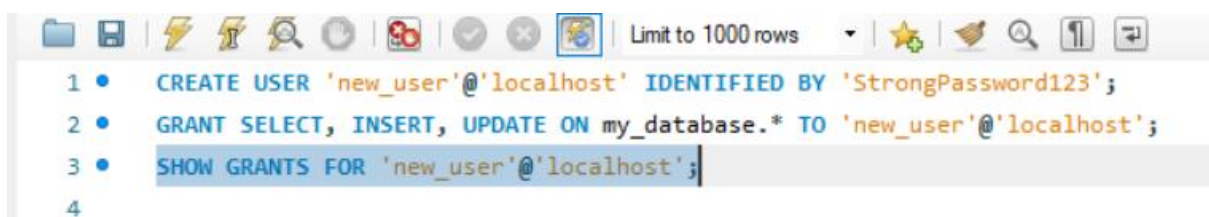
```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 •
```

**Step 2 :** Grant Privileges to the User.

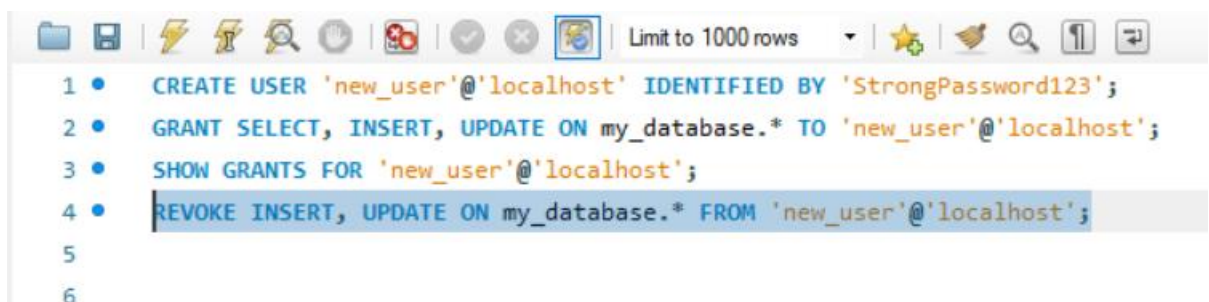


```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 • GRANT SELECT, INSERT, UPDATE ON my_database.* TO 'new_user'@'localhost';
3 •
```

**Step 3 :** Verify Privileges & Revoke Certain Privileges.

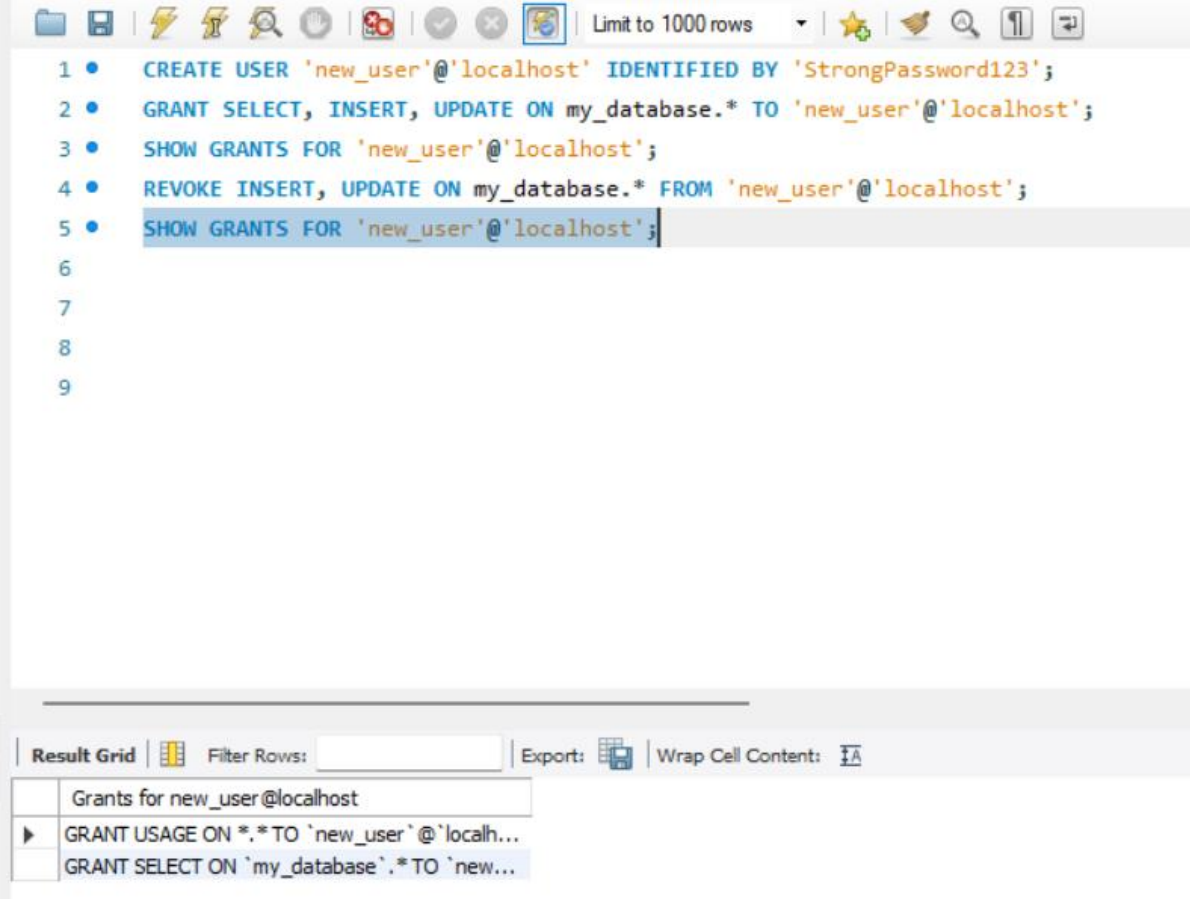


```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 • GRANT SELECT, INSERT, UPDATE ON my_database.* TO 'new_user'@'localhost';
3 • SHOW GRANTS FOR 'new_user'@'localhost';
4 •
```



```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 • GRANT SELECT, INSERT, UPDATE ON my_database.* TO 'new_user'@'localhost';
3 • SHOW GRANTS FOR 'new_user'@'localhost';
4 • REVOKE INSERT, UPDATE ON my_database.* FROM 'new_user'@'localhost';
5 •
6 •
```

#### Step 4 : Verify Updated Privileges & Drop the User.

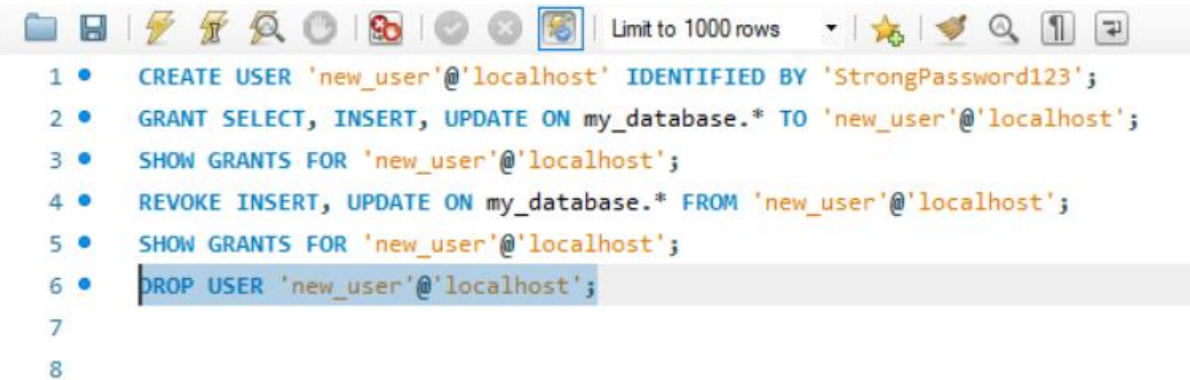


The screenshot shows a MySQL command-line interface with the following SQL commands:

```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 • GRANT SELECT, INSERT, UPDATE ON my_database.* TO 'new_user'@'localhost';
3 • SHOW GRANTS FOR 'new_user'@'localhost';
4 • REVOKE INSERT, UPDATE ON my_database.* FROM 'new_user'@'localhost';
5 • SHOW GRANTS FOR 'new_user'@'localhost';
```

Below the commands, the 'Result Grid' shows the output of the last command:

Grants for new_user@localhost
GRANT USAGE ON *.* TO 'new_user'@'localhost'...
GRANT SELECT ON 'my_database'.* TO 'new...'...



The screenshot shows the same MySQL command-line interface with an additional command:

```
1 • CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'StrongPassword123';
2 • GRANT SELECT, INSERT, UPDATE ON my_database.* TO 'new_user'@'localhost';
3 • SHOW GRANTS FOR 'new_user'@'localhost';
4 • REVOKE INSERT, UPDATE ON my_database.* FROM 'new_user'@'localhost';
5 • SHOW GRANTS FOR 'new_user'@'localhost';
6 • DROP USER 'new_user'@'localhost';
```