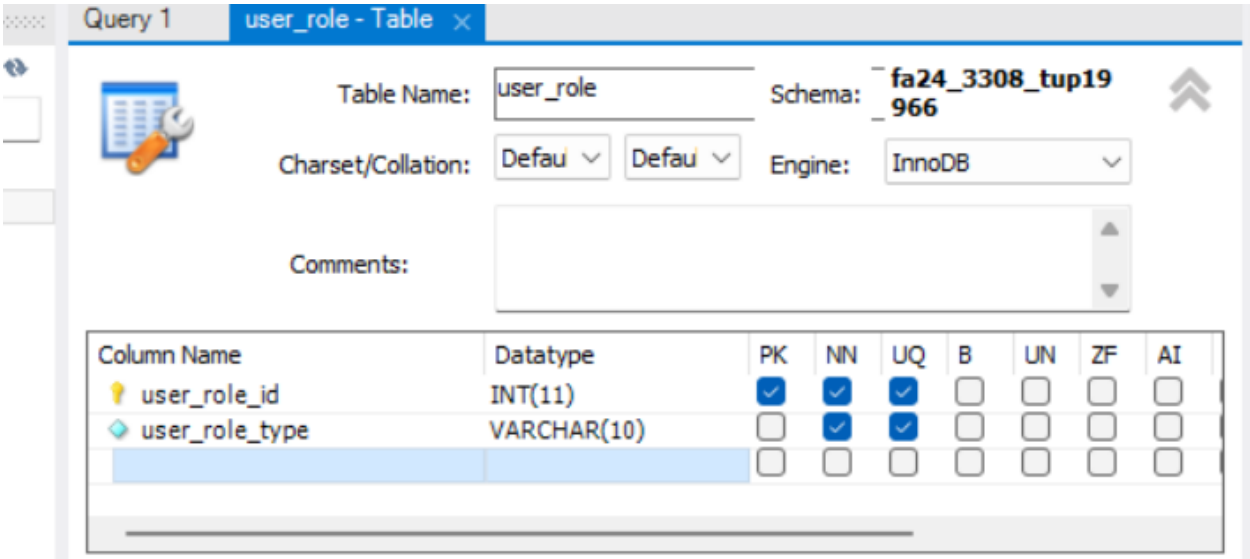
1. STUDENT NAME

Toker Ahmed

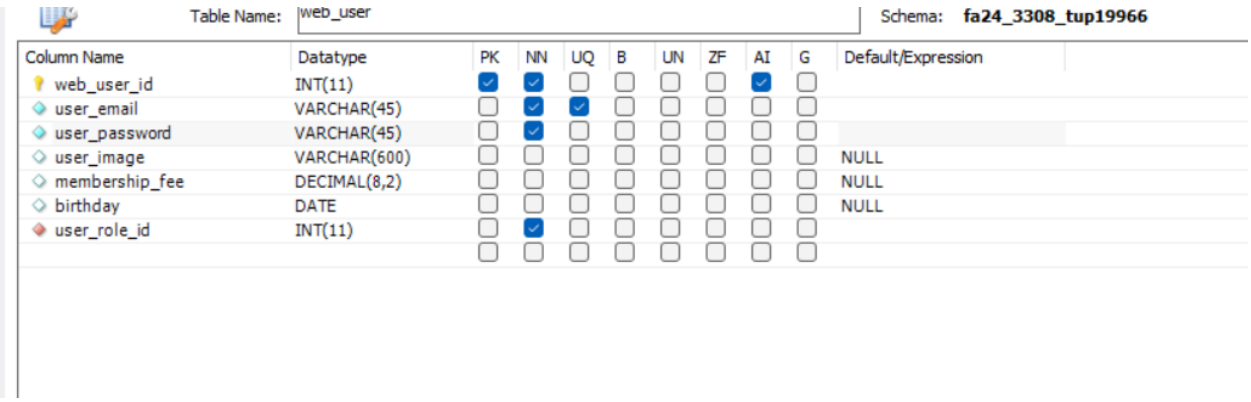
2. URL to STUDENT WEB SITE

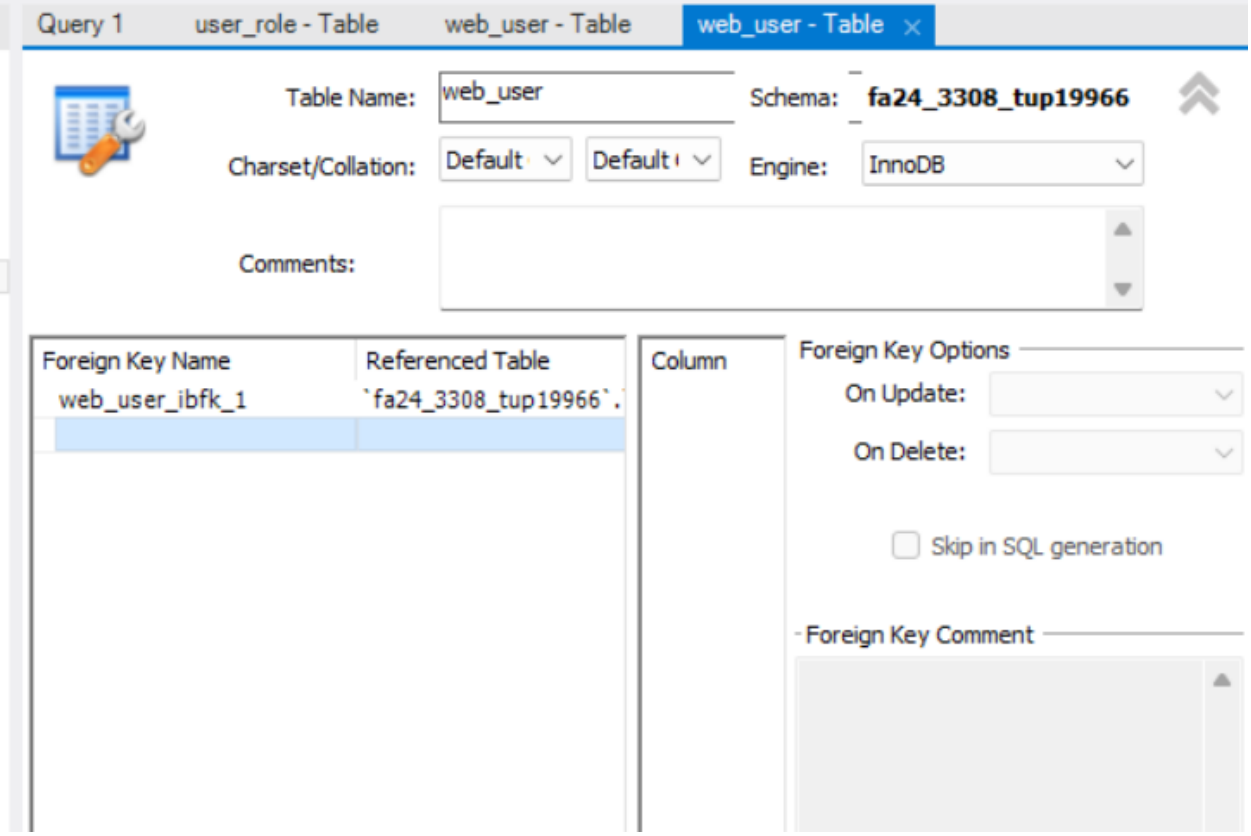
https://cis-linux2.temple.edu/tomcat10/fa24_3308_tup19966/index.html

3. user_role TABLE DESIGN

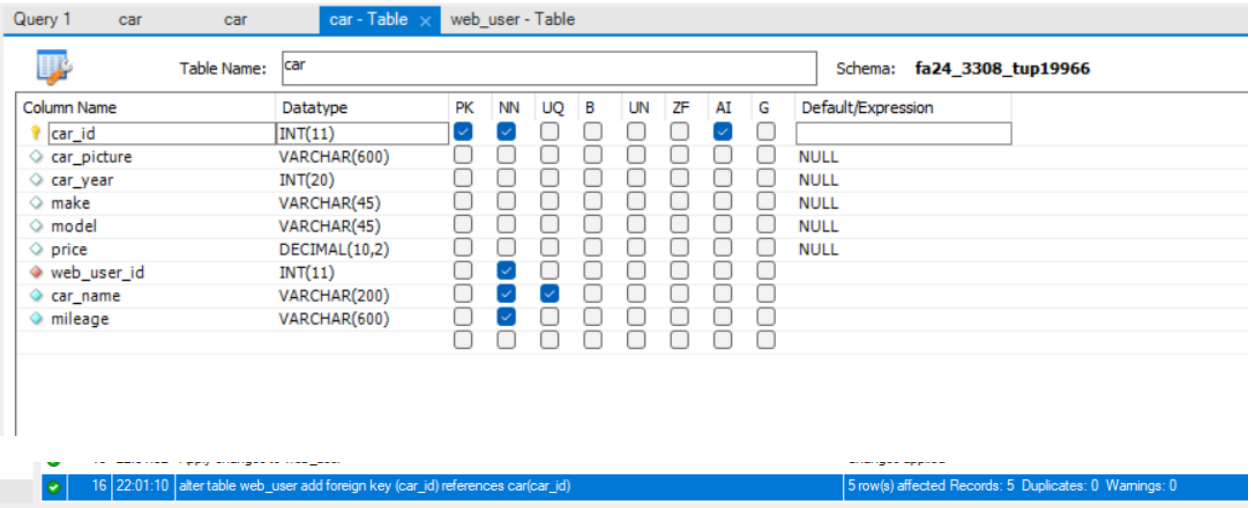


4. **web_user TABLE DESIGN and FOREIGN KEY**



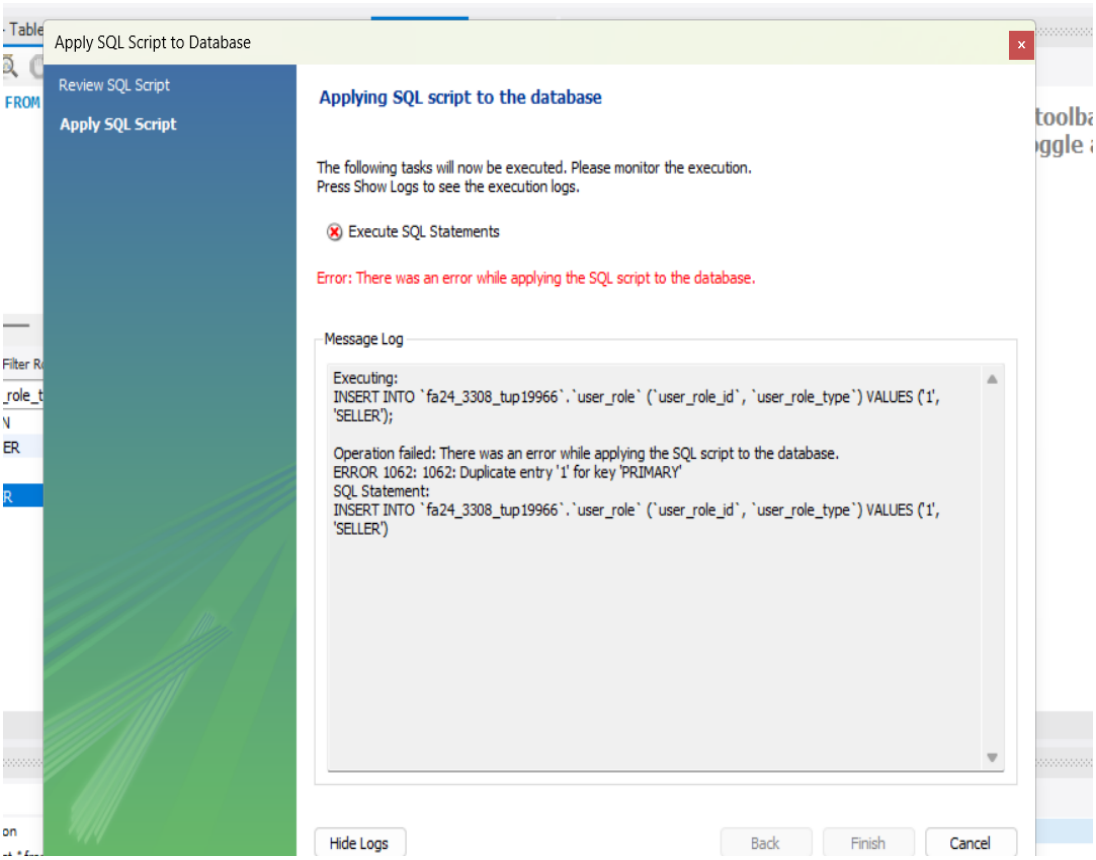


5. "OTHER" TABLE DESIGN and FOREIGN KEY

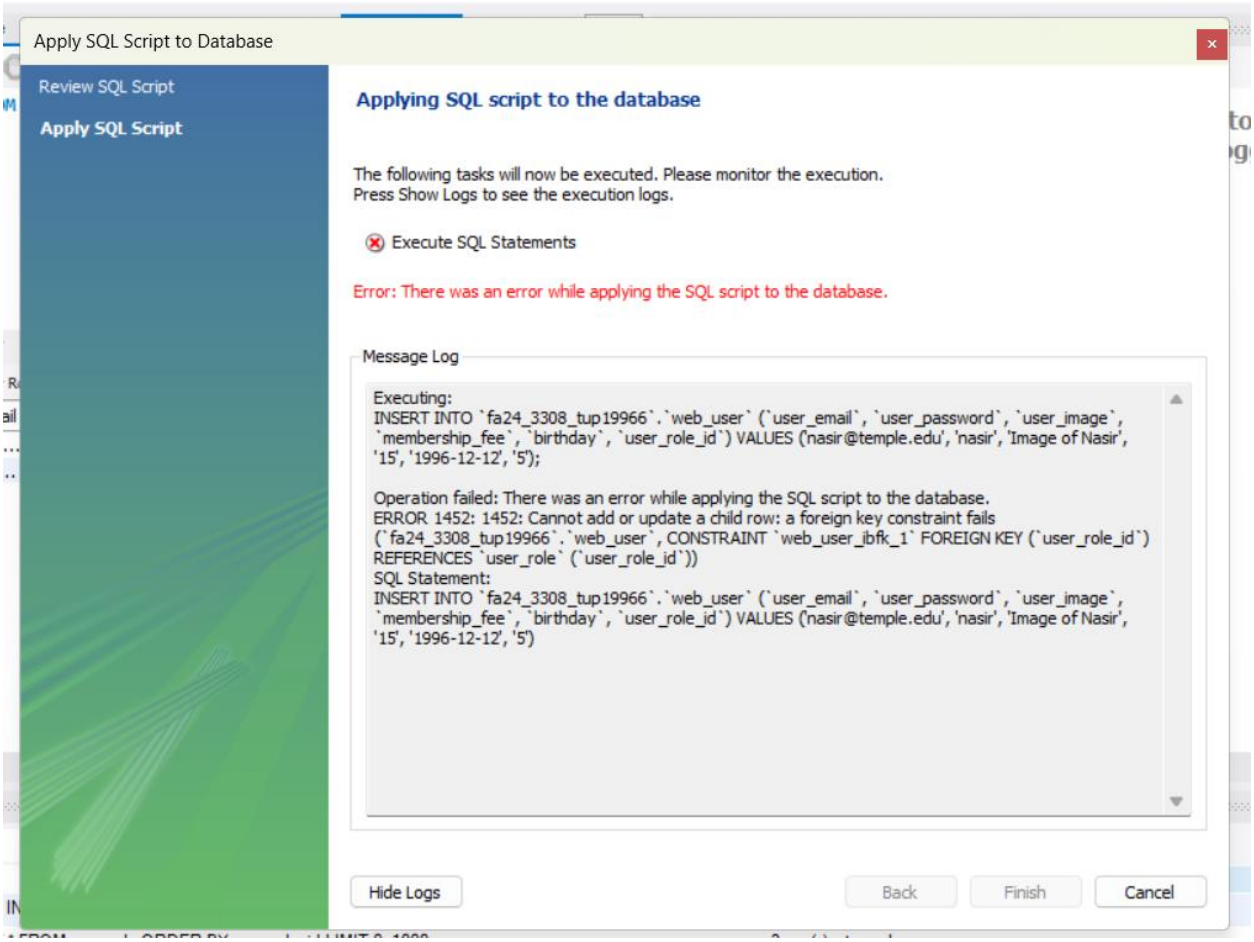


6. DATA ENTRY ERRORS

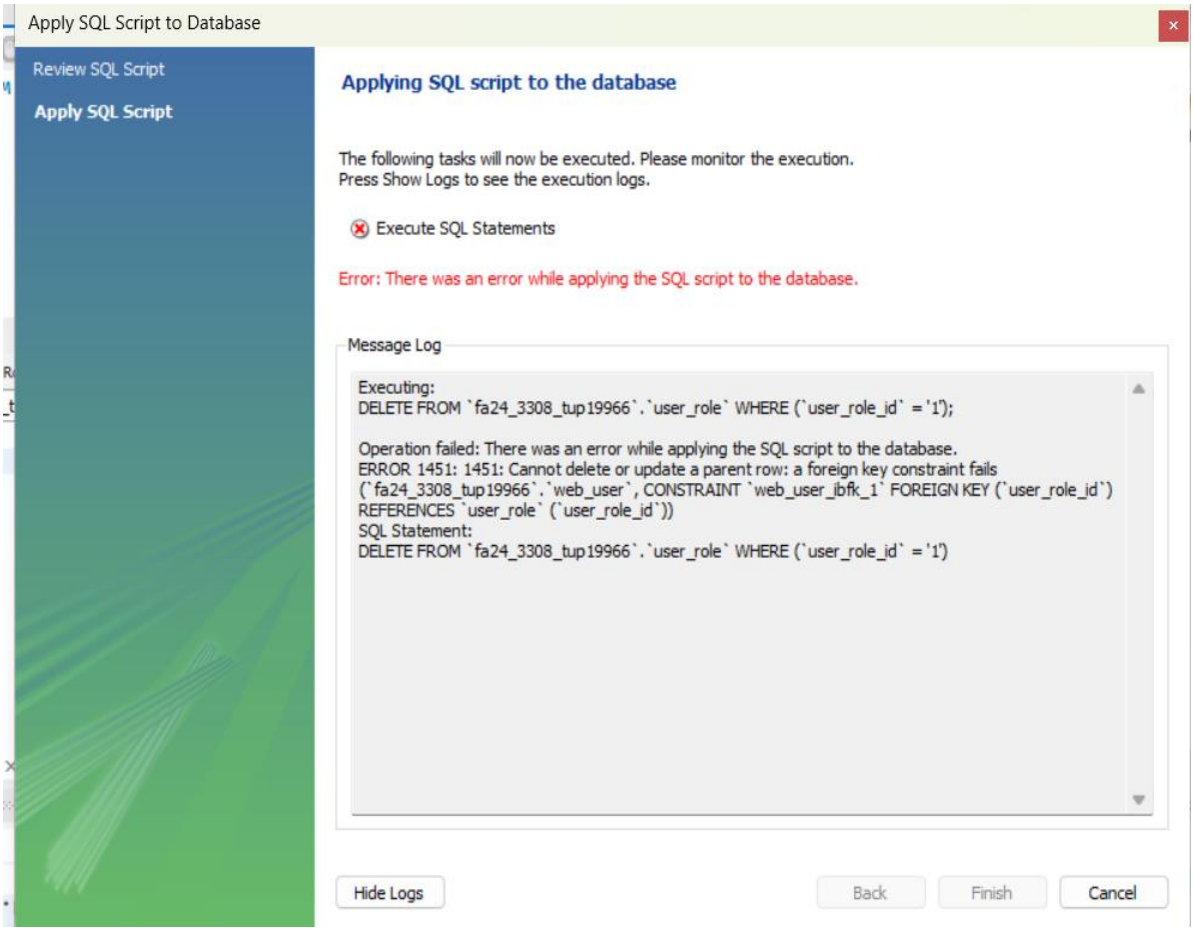
a) Error: Duplicate user_role PK



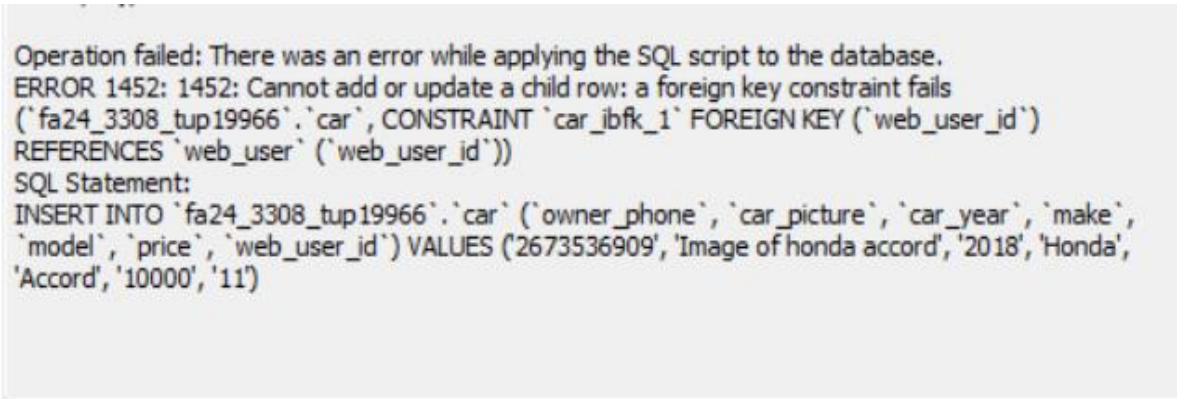
b) Error: Invalid user_role FK in web_user record



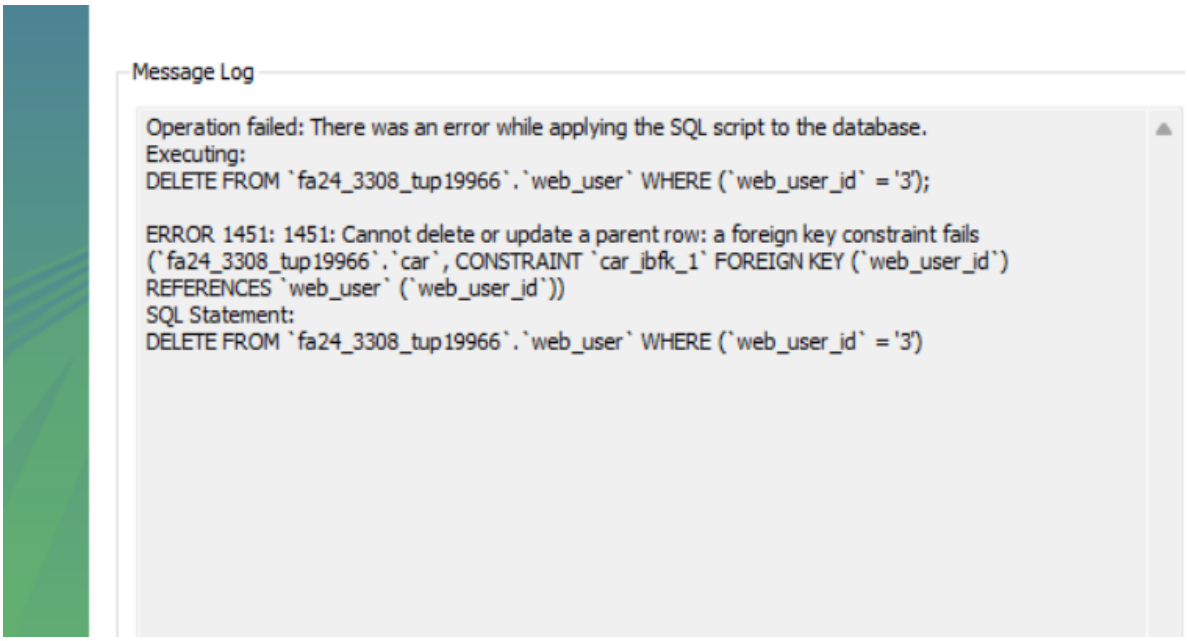
c) Error: Cannot delete a user_role record that's referenced by a web _user record



d) Invalid web_user FK in "other" record

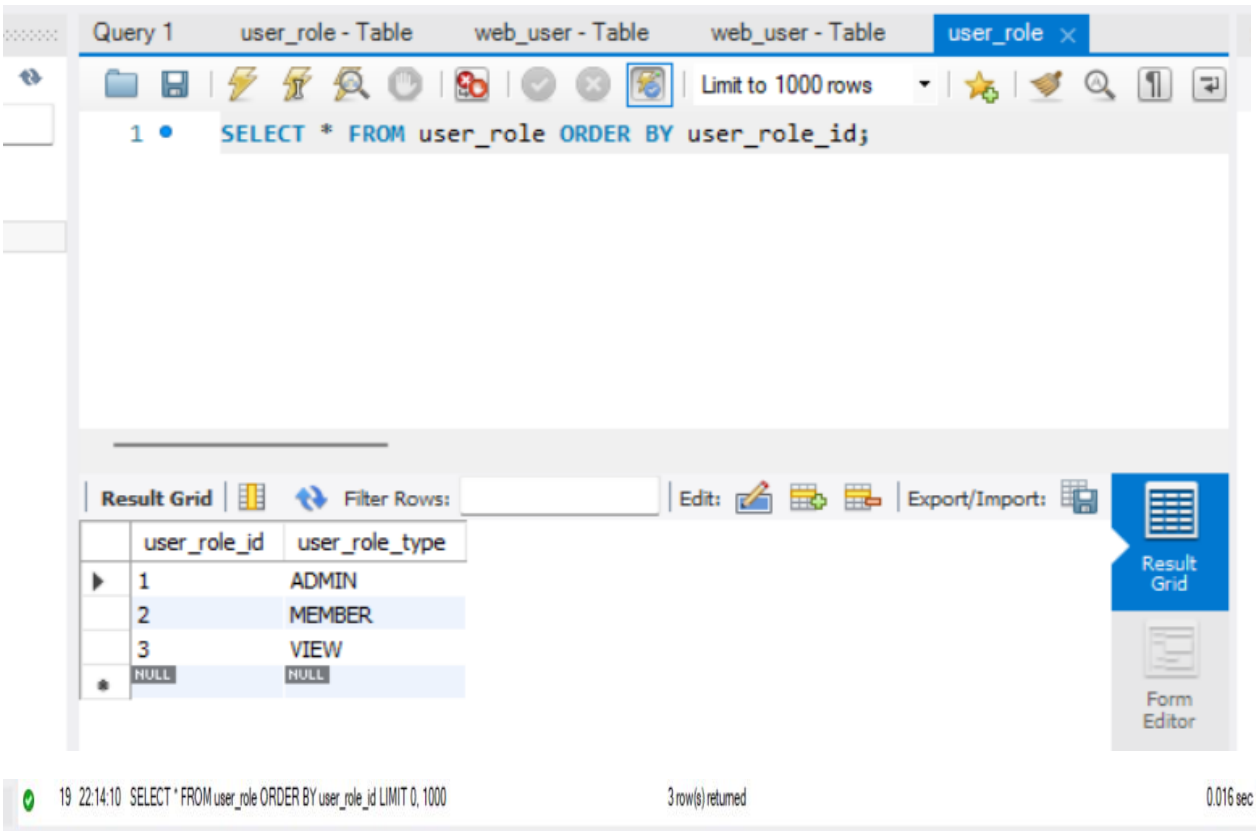


e) Error trying to delete a web_user record that's referenced by an "other" record

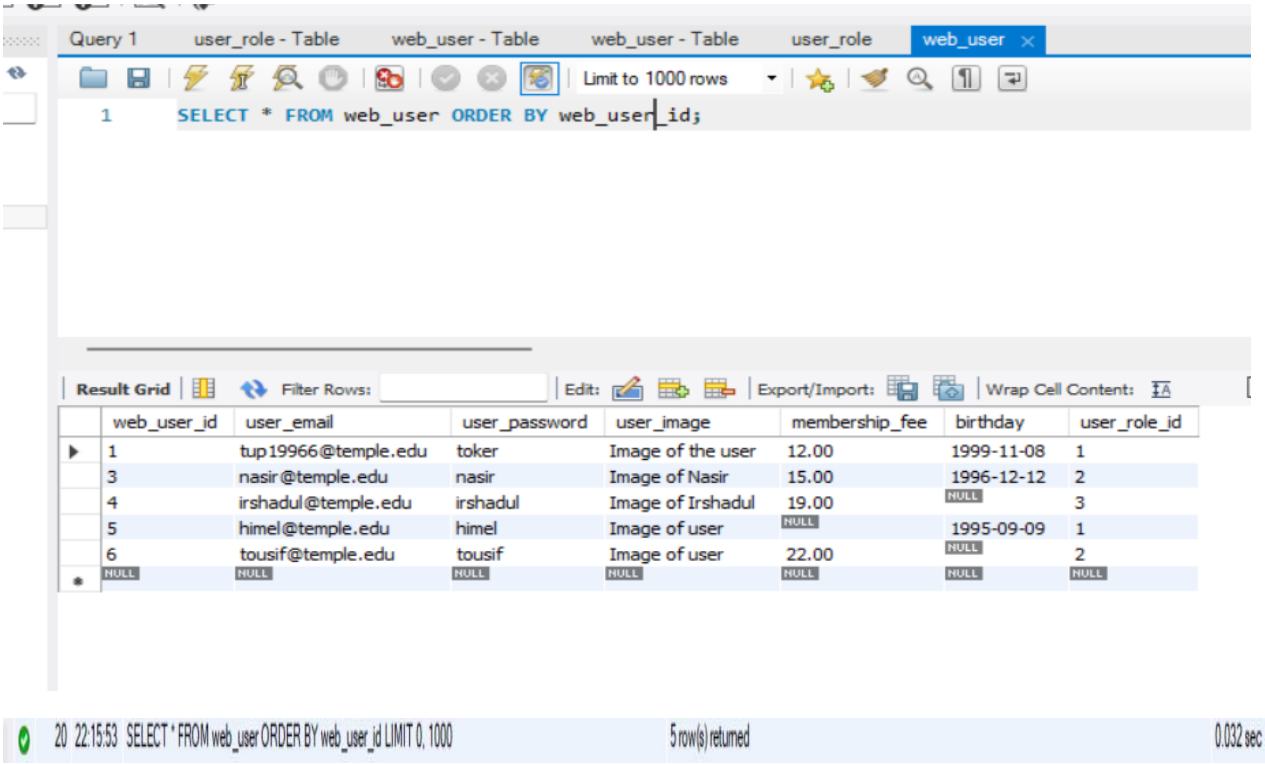


6. SELECT STATEMENTS

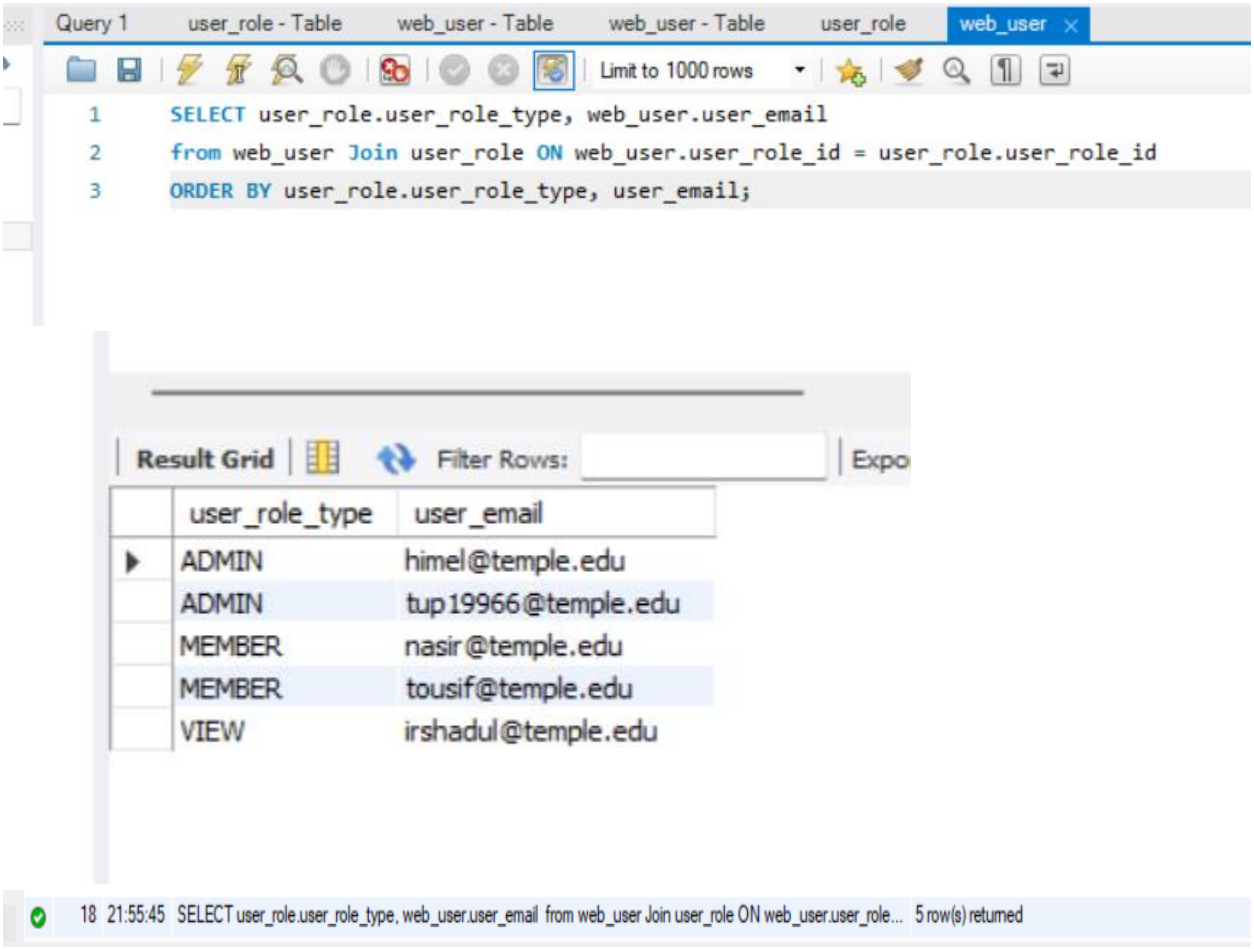
a) USER_ROLE: all rows, all columns, sorted by user_role_id.



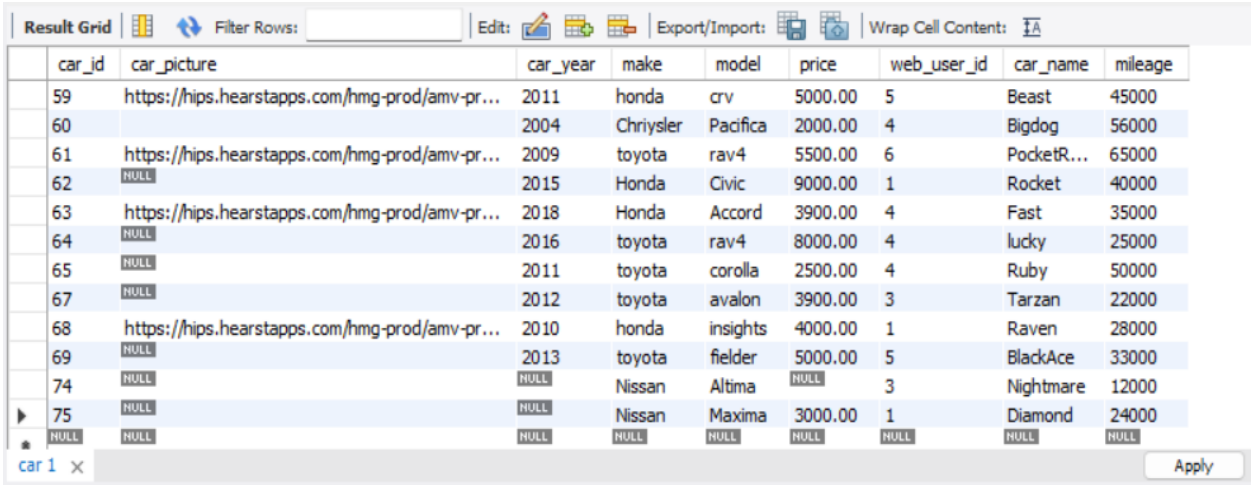
b) WEB_USER: all rows, all columns, sorted by web_user_id.



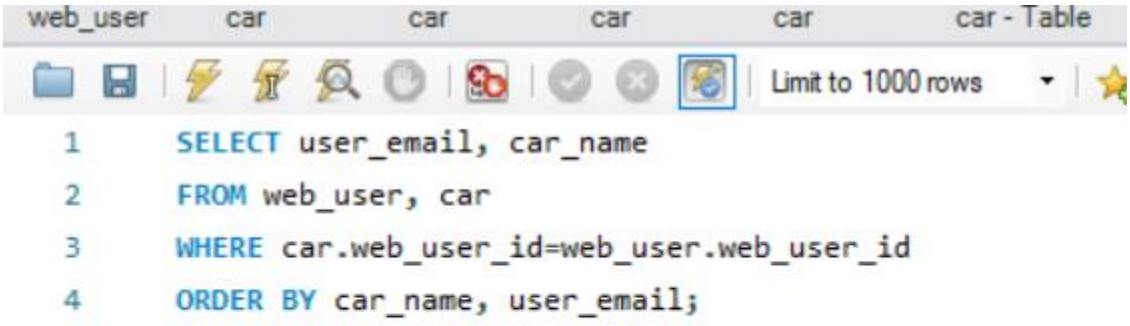
c) WEB_USER JOINED WITH USER_ROLE: all rows, certain columns, sorted.



f) "OTHER": all rows, all columns, sorted by the id of your "other" table.



g) “OTHER” JOINED WITH WEB_USER all rows, certain columns, sorted.



user_email	car_name
himel@temple.edu	Beast
irshadul@temple.edu	Bigdog
himel@temple.edu	BlackAce
tup19966@temple.edu	Diamond
irshadul@temple.edu	Fast
irshadul@temple.edu	lucky
nasir@temple.edu	Nightmare
tousif@temple.edu	PocketRocket
tup19966@temple.edu	Raven
tup19966@temple.edu	Rocket
irshadul@temple.edu	Ruby
nasir@temple.edu	Tarzan

h) “OTHER” JOINED WITH WEB_USER some rows, certain columns, sorted.

web_user car car car car car - Table

Limit to 1000 rows

```
1   SELECT user_email, car_name
2   FROM web_user, car
3   WHERE car.web_user_id=web_user.web_user_id
4   AND make="toyota"
5   ORDER BY car_name, user_email;
```

Result Grid | Filter Rows:

user_email	car_name
himel@temple.edu	BlackAce
irshadul@temple.edu	lucky
tousif@temple.edu	PocketRocket
irshadul@temple.edu	Ruby
nasir@temple.edu	Tarzan

5 16:06:49 SELECT user_email, car_name FROM web_user, car WHERE car.web_user_id=web_user.web_user_id AND ... 5 row(s) returned 0.047 sec / 0.000 sec