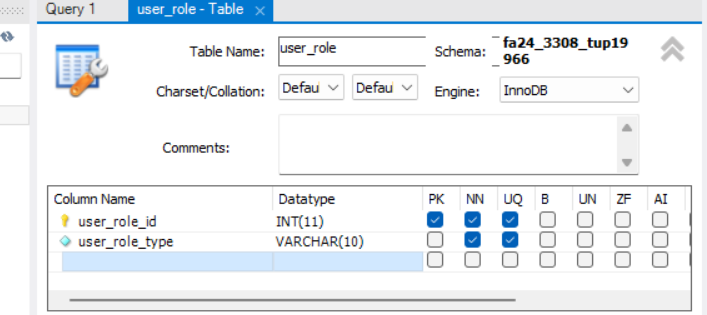
**1. STUDENT NAME**

Toker Ahmed

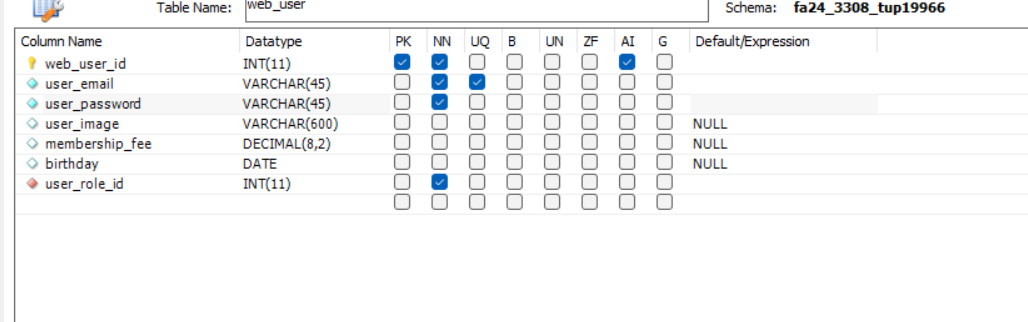
**2. URL to STUDENT WEB SITE**

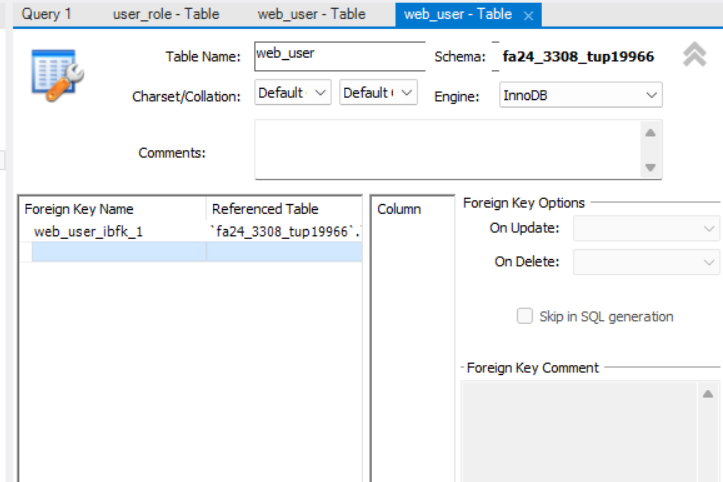
https://cis-linux2.temple.edu/tomcat10/fa24\_3308\_tup19966/index.html

**3**. **user\_role TABLE DESIGN**

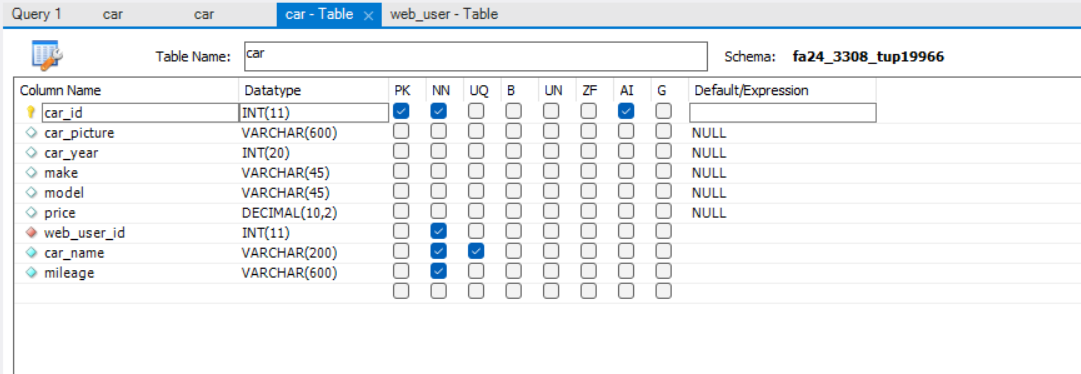


4. **web\_user TABLE DESIGN and FOREIGN KEY**





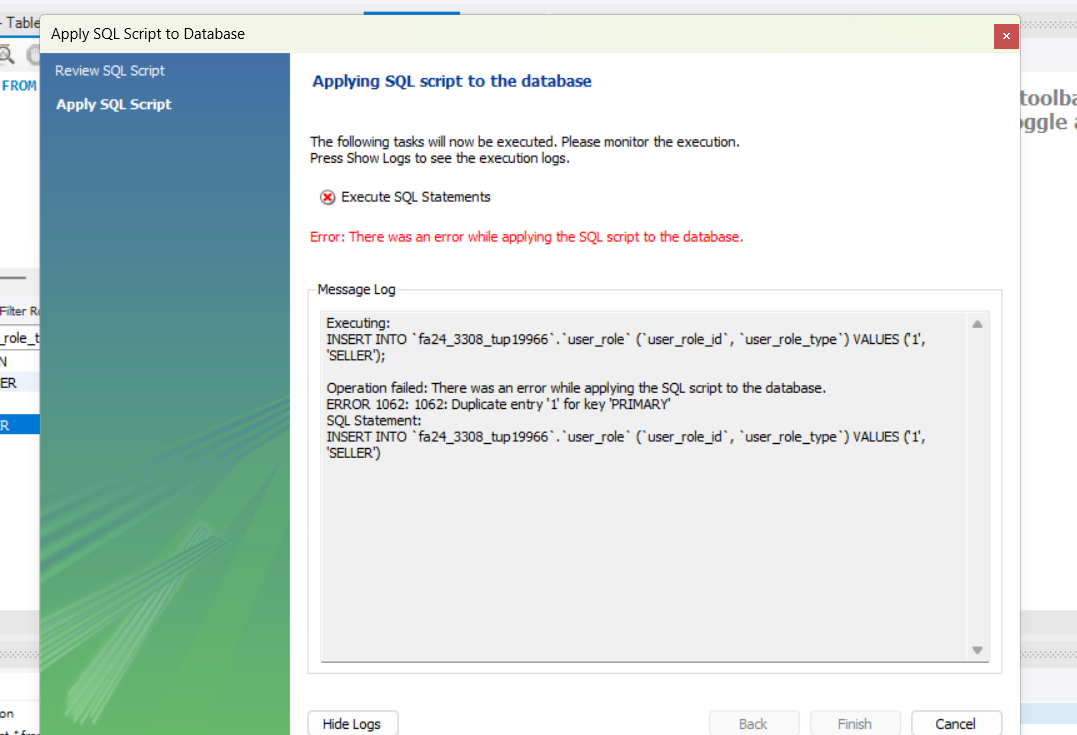
**5. “OTHER” TABLE DESIGN and FOREIGN KEY**



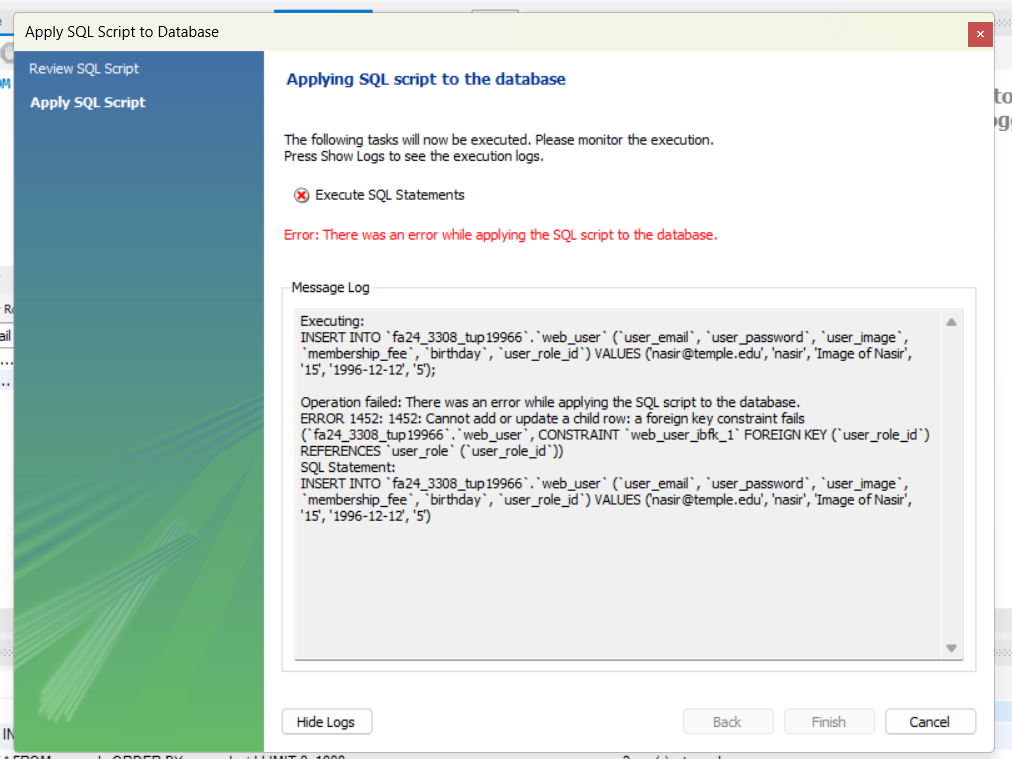


**6. DATA ENTRY ERRORS**

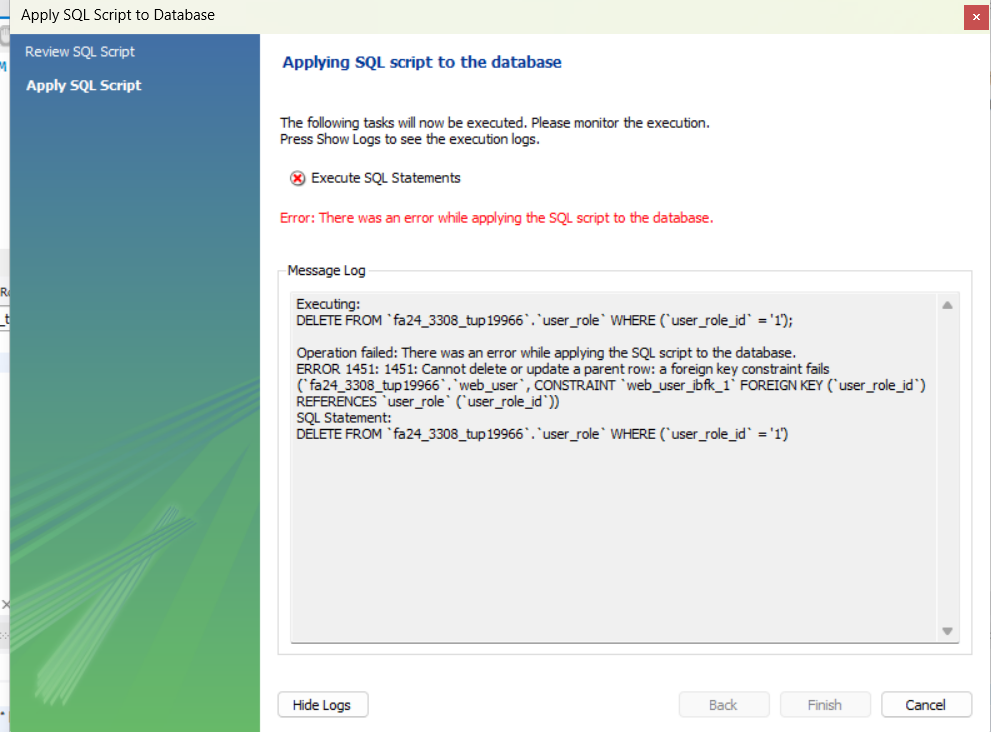
**a) Error: Duplicate user\_role PK**



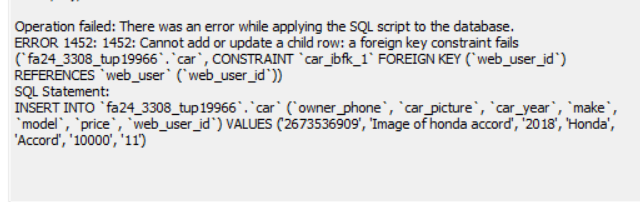
**b) Error: Invalid user\_role FK in web\_user record**



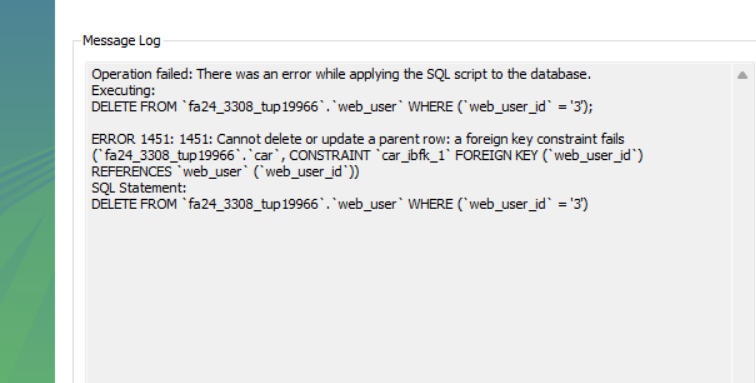
**c) Error: Cannot delete a user\_role record that’s referenced by a web \_user record**



**d) Invalid web\_user FK in “other” record**

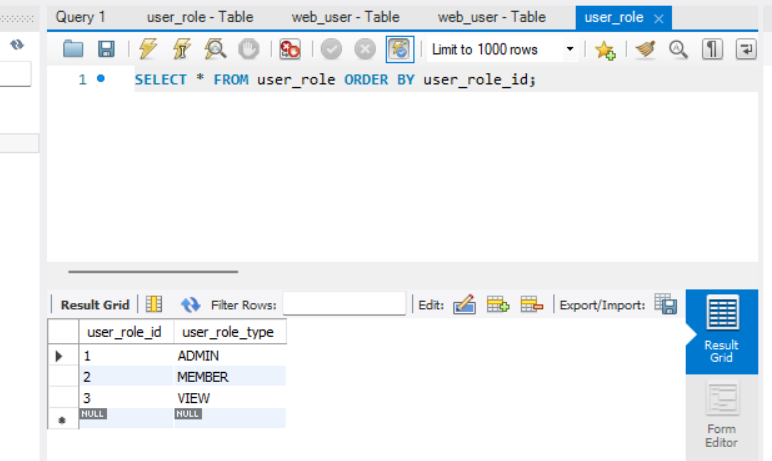


**e) Error trying to delete a web\_user record that’s referenced by an “other” record**

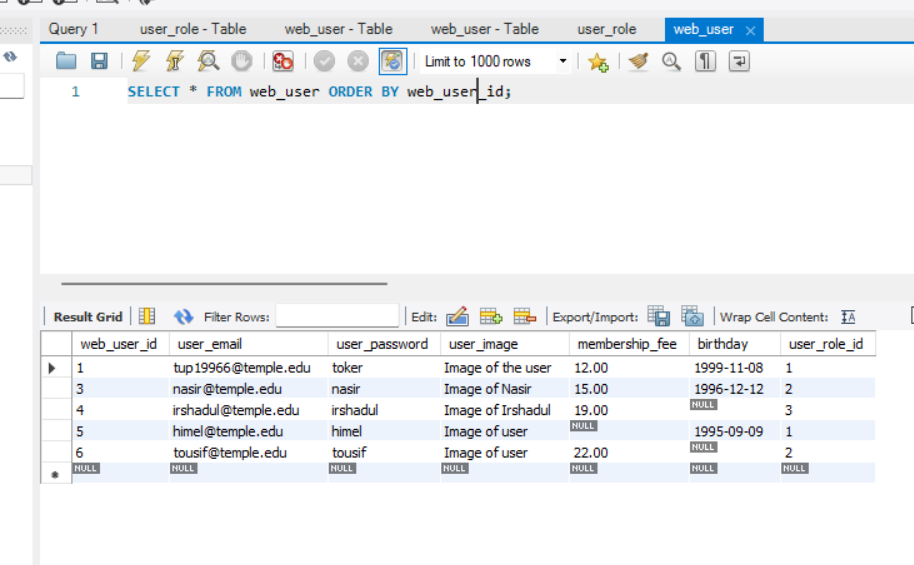


**6. SELECT STATEMENTS**

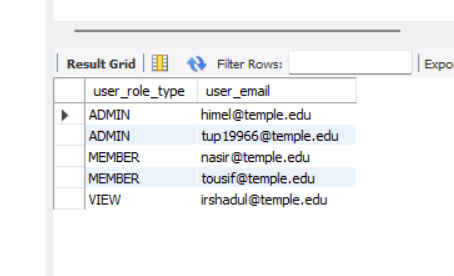
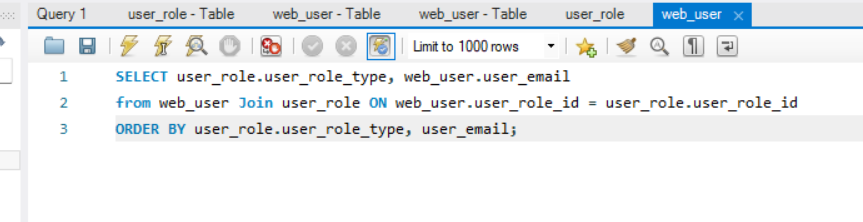
**a) USER\_ROLE: all rows, all columns, sorted by user\_role\_id.**



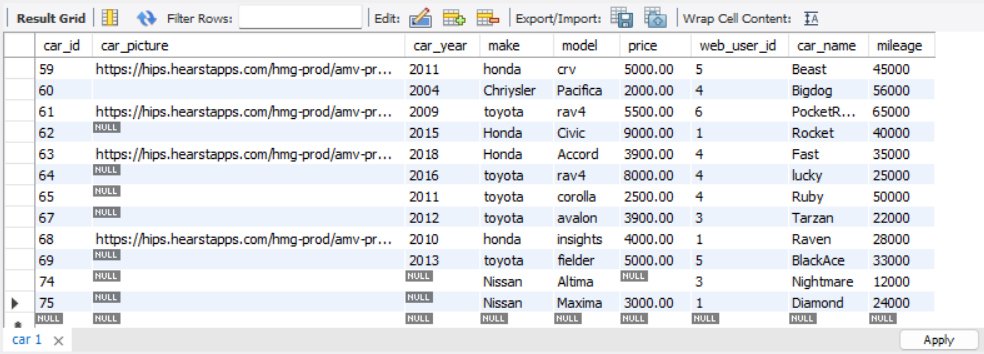


**b) WEB\_USER: all rows, all columns, sorted by web\_user\_id.**

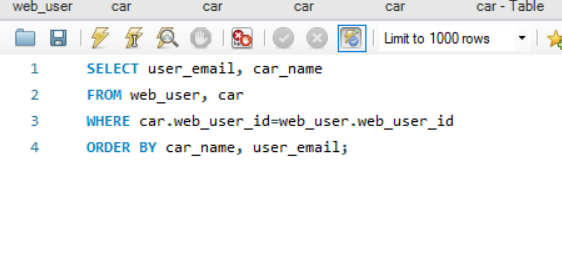


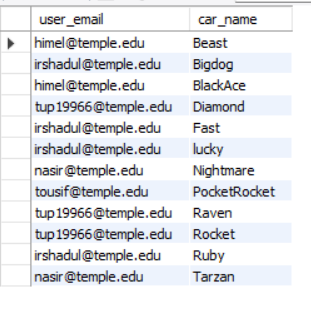
**c) WEB\_USER JOINED WITH USER\_ROLE: all rows, certain columns, sorted.**

**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.**







**h) “OTHER” JOINED WITH WEB\_USER some rows, certain columns, sorted.**

