**Homework 2**

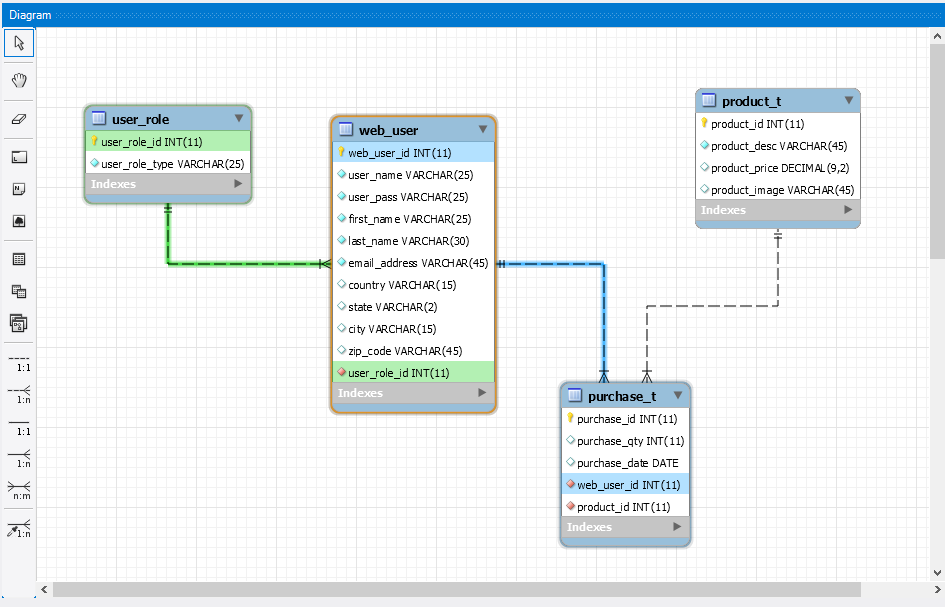
1. Kouassi Tchokoto
2. Functionality

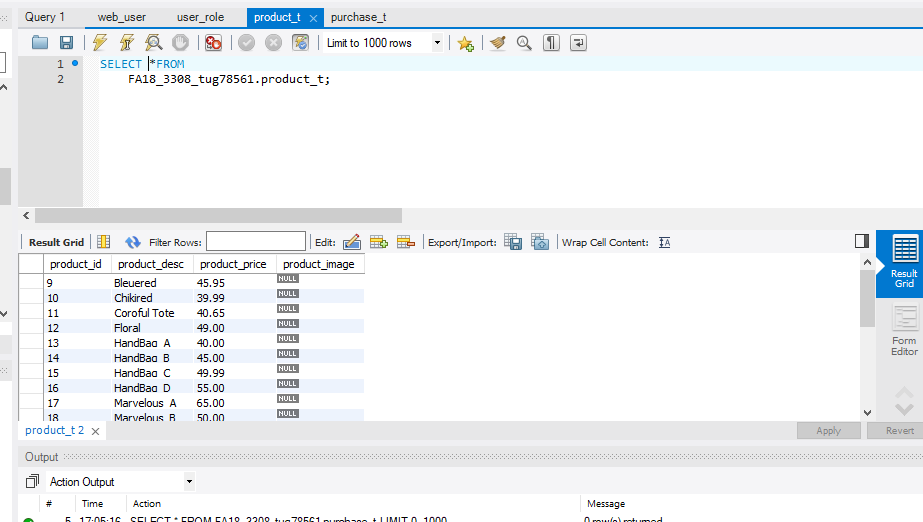
In my website, user will be able to register, logon and logoff, edit, delete records.

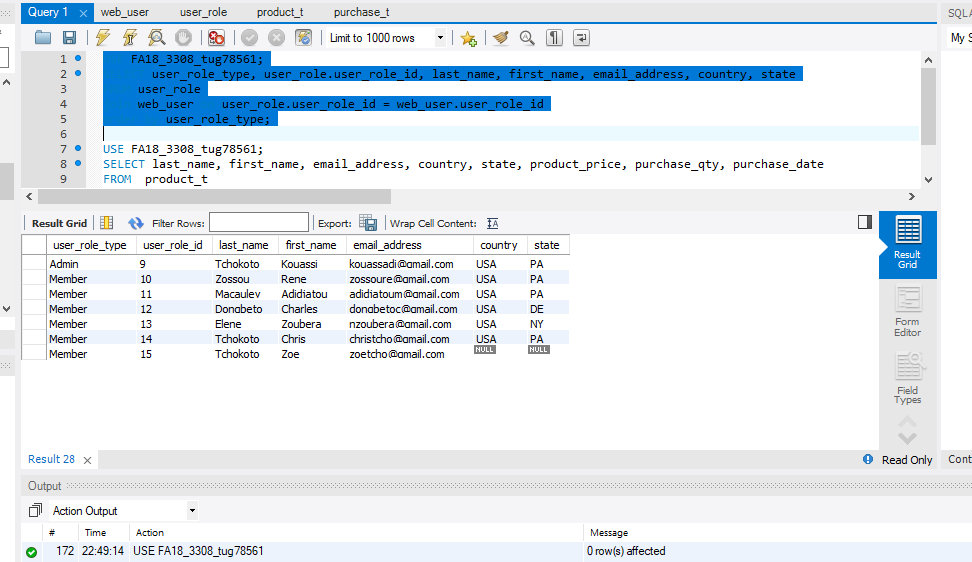
1. **Marketing Material**

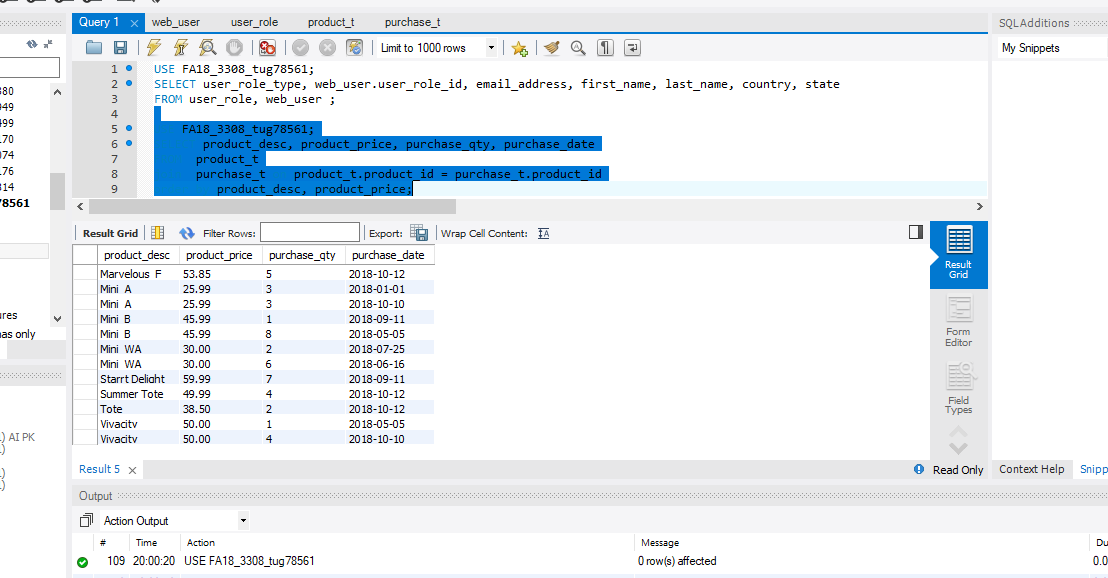
The application is dedicated to show case traditional African clothing and others traditional items. Are you curious to know about Africa and it culture? This website is specially design for you. Feel free to go through our products with their descriptions. Each product describes a tribe or even a country. The application promotes those traditional items exposing the beauty of African culture. Welcome to the mother land.

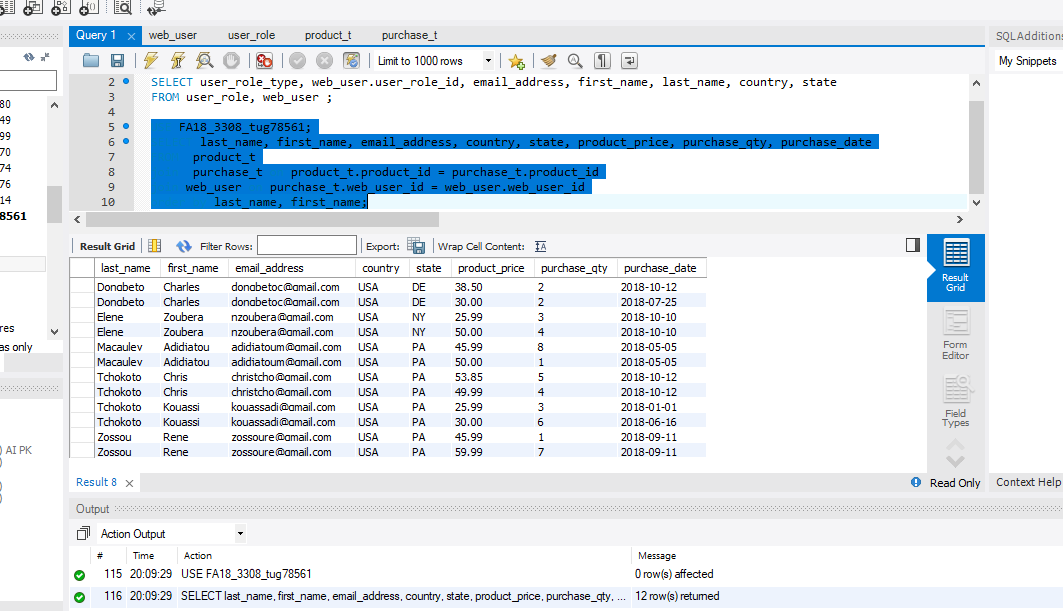
1. **Data Model**

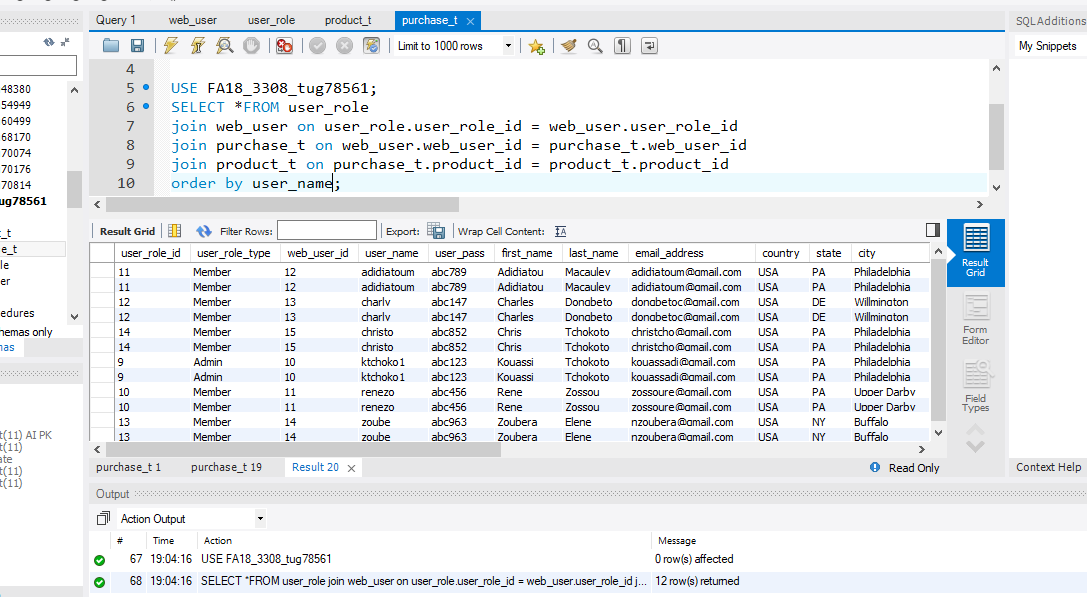


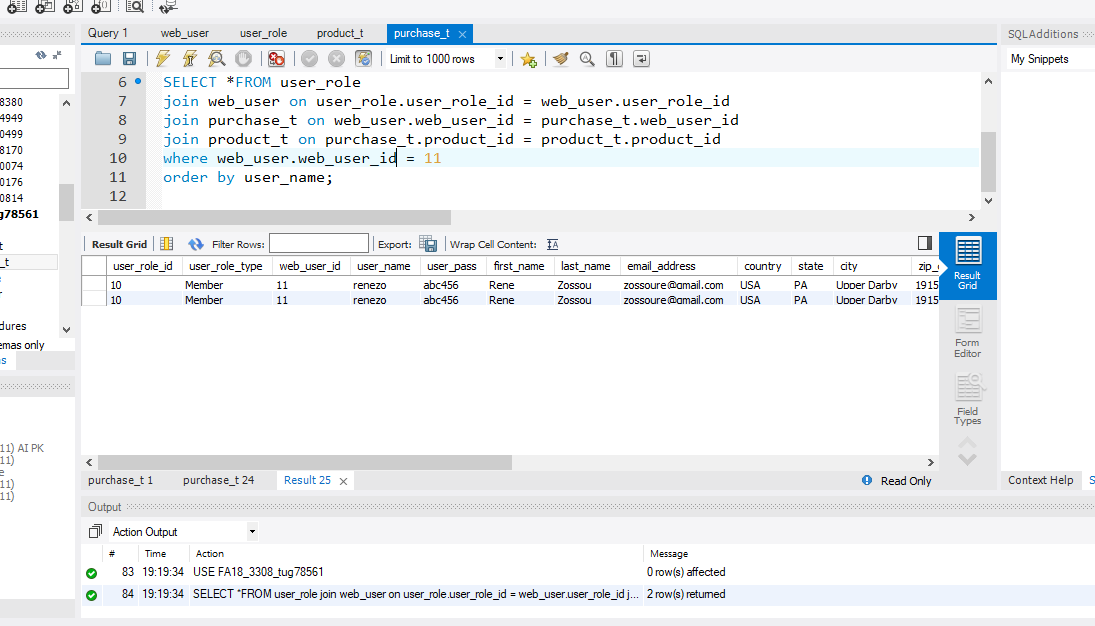


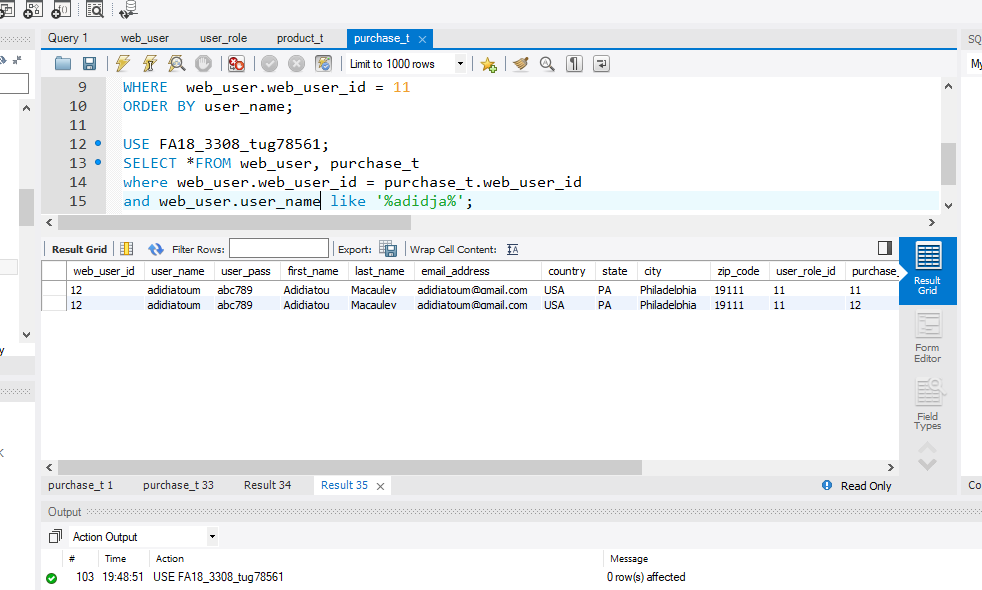




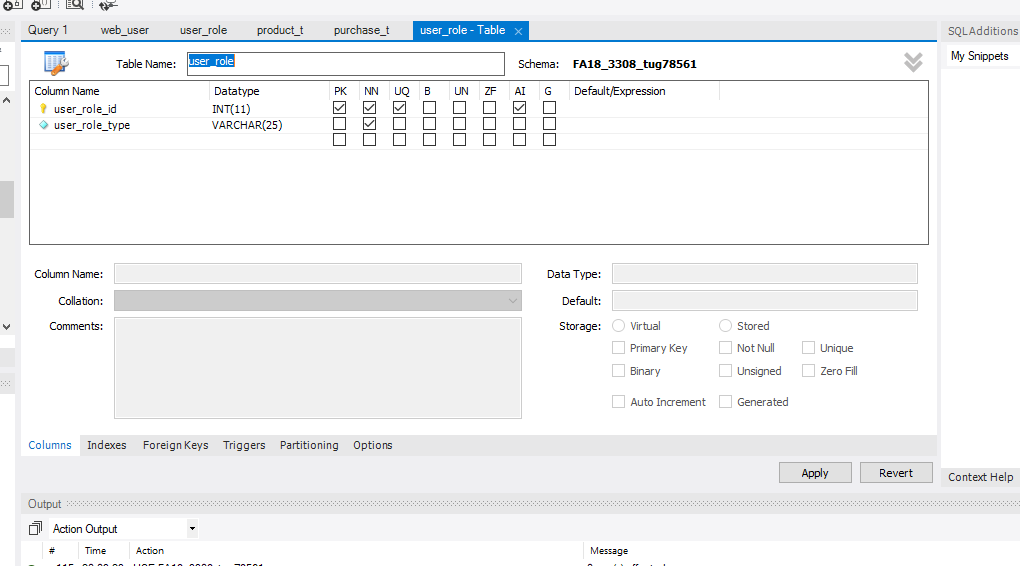


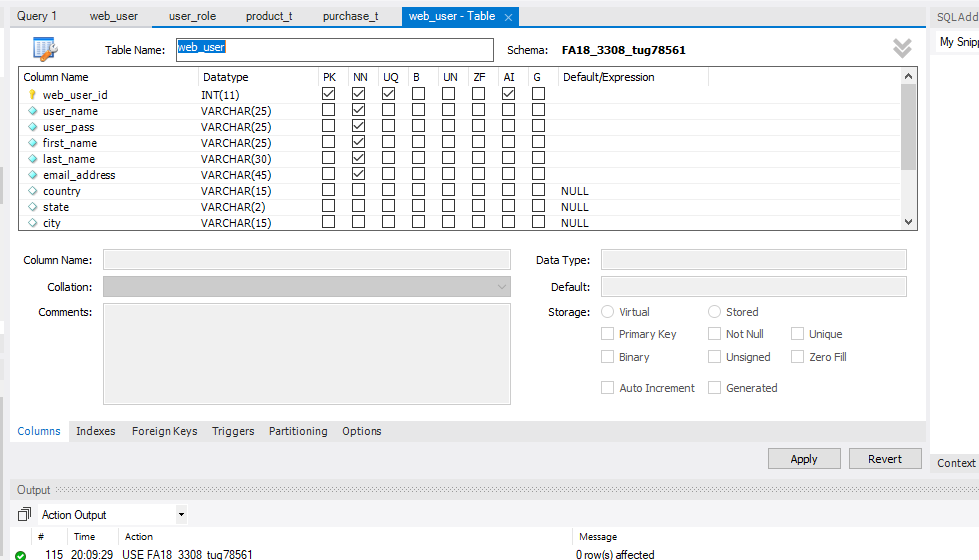


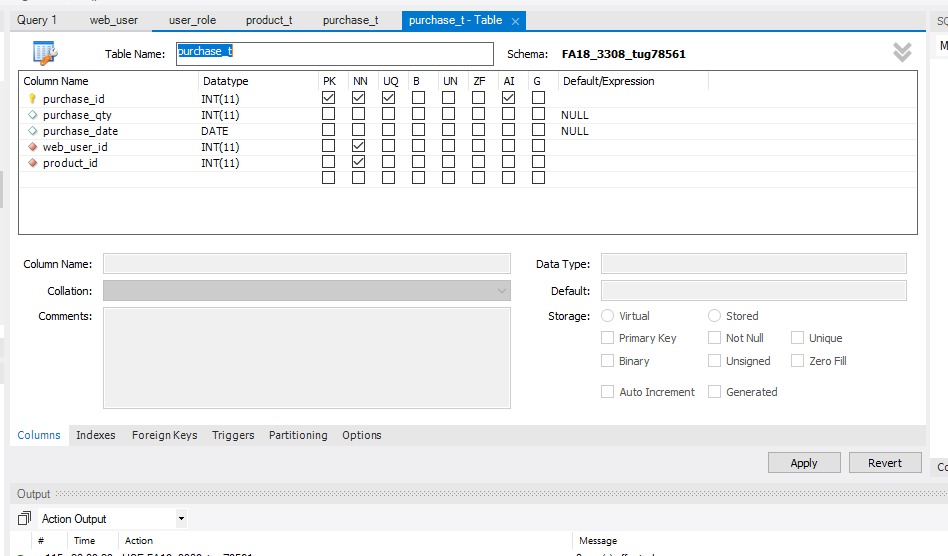


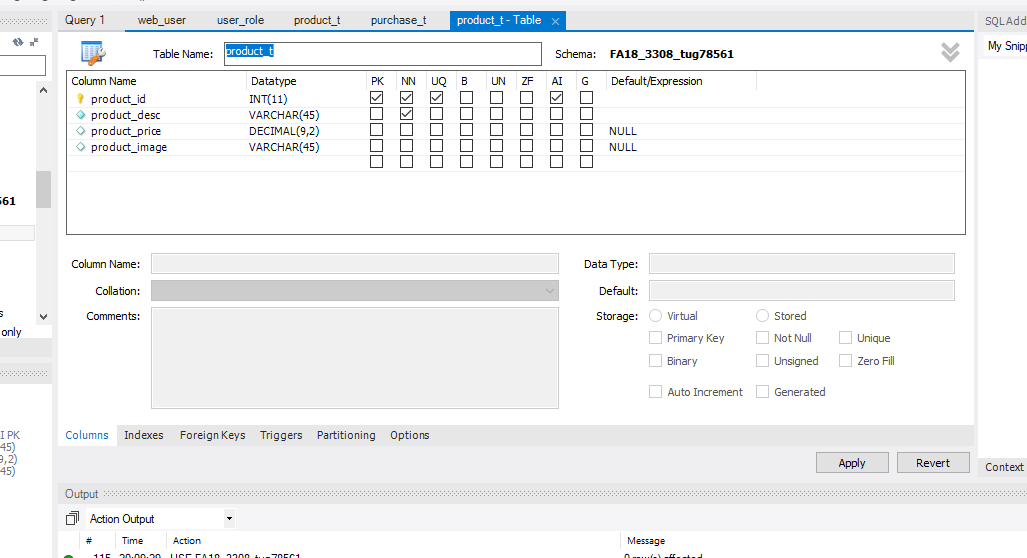


1. **Table Design**









1. **Feedback from Classmates**

Daniel Dubovoy’s Review:

Overall, this is an excellent proposal with all the requirements met. The PKs, FKs, Not Null and Nullable checklist is satisfied, and there are no SQL keywords that will interfere with the data model presented. The presented relationships are unique to Kouassi’s project and are different and exciting, and I am looking forward to seeing Kouassi develop this into a working web application. All the data model requirements are met, and I approve of his data model.

Hazrat Rafiqzadah

I think your data model is excellent, from looking at the association and relationship diagram, I can tell that the “Other” table would be table “product\_t” and the association table would be “purchase\_t.” Much like my data flow, which you confirmed, your data flow seems to be correct. As for the naming of the elements of my tables, I will be changing that before the start of class Thursday and I would appreciate your help in this matter, thank you for offering.

1. **My Feedback**

Daniel Dubovoy:

Based on the data model, I think the will not be any conflict between the tables. “other” table stores information about the food and the users (vendor) so describing one to many relationships. All the relationships between the four tables are well define.

Hazrat Rafiqzadah I have revised your data model and I thing you should follow the guide, specially keeping the same name for the  user\_role and the web\_user table. I am going to revised that with you tomorrow before class starting. Your primary and foreign keys seem confusing, but your data flow is correct. Thanks, I add my data model for your feedback.

1. **Select Statement**
2. SELECT \*FROM product\_t

order by product\_id;

1. SELECT user\_role\_type, user\_role.user\_role\_id, last\_name, first\_name, email\_address, country, stateFROM user\_role

join web\_user on user\_role.user\_role\_id = web\_user.user\_role\_id

order by user\_role\_type;

1. SELECT product\_desc, product\_price, purchase\_qty

FROM product\_t, purchase\_t

where product\_t.product\_id = purchase\_t.product\_id

order by product\_desc, product\_price;

1. SELECT last\_name, first\_name, email\_address, country, state, product\_price, purchase\_qty, purchase\_date

FROM product\_t join purchase\_t on product\_t.product\_id = purchase\_t.product\_id

join web\_user on purchase\_t.web\_user\_id = web\_user.web\_user\_id

order by last\_name, first\_name;

1. SELECT \* FROM user\_role

JOIN web\_user ON user\_role.user\_role\_id = web\_user.user\_role\_id

JOIN purchase\_t ON web\_user.web\_user\_id = purchase\_t.web\_user\_id

JOIN product\_t ON purchase\_t.product\_id = product\_t.product\_id

1. SELECT \* FROM user\_role

JOIN web\_user ON user\_role.user\_role\_id = web\_user.user\_role\_id

JOIN purchase\_t ON web\_user.web\_user\_id = purchase\_t.web\_user\_id

JOIN product\_t ON purchase\_t.product\_id = product\_t.product\_id

WHERE web\_user.web\_user\_id = 11

1. SELECT \*FROM web\_user, purchase\_t

where web\_user.web\_user\_id = purchase\_t.web\_user\_id

and web\_user.user\_name like '%adidja%';