# Homework #6: User Management

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| * This is an individual assignment, and is worth 20 points. * The due date is Monday, March 22, 2021. * The database for the assignment (**AdventureWorks2016CTP3**) is installed on our Proxmox server. You are to download this document after you login to the Proxmox server. * You should answer the questions in blue. * You will get deductions if the requested screenshots are not provided. * Please zoom in your output. I will penalize you if your screenshots are too small. |

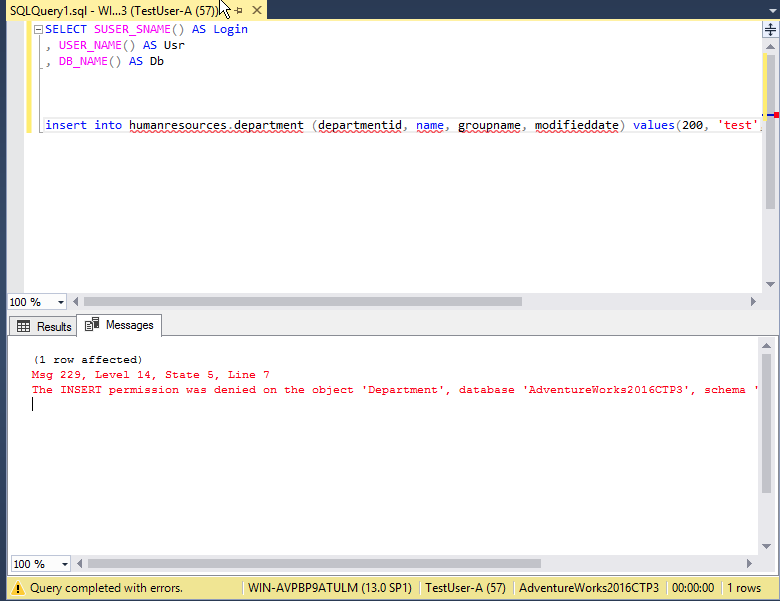
# Task #4. Assigning User Mappings to Fixed Database Roles

## A. Assigning a user to a database role

## B. Verifying the results

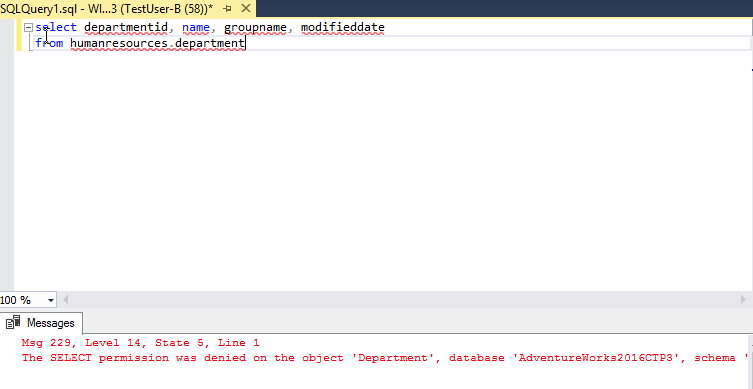
5) Does it fail? Show the result in a screenshot. Describe your observation and explain why it fails.

**It failed Because TestUser-A did not have a permission to write, thus it denied the user from inserting.**



10) Does it fail? Show the result in a screenshot. Describe your observation and explain why it fails.

**It also denied TestUser-B, because that user does not have read permission and user b cannot use the select statement.**

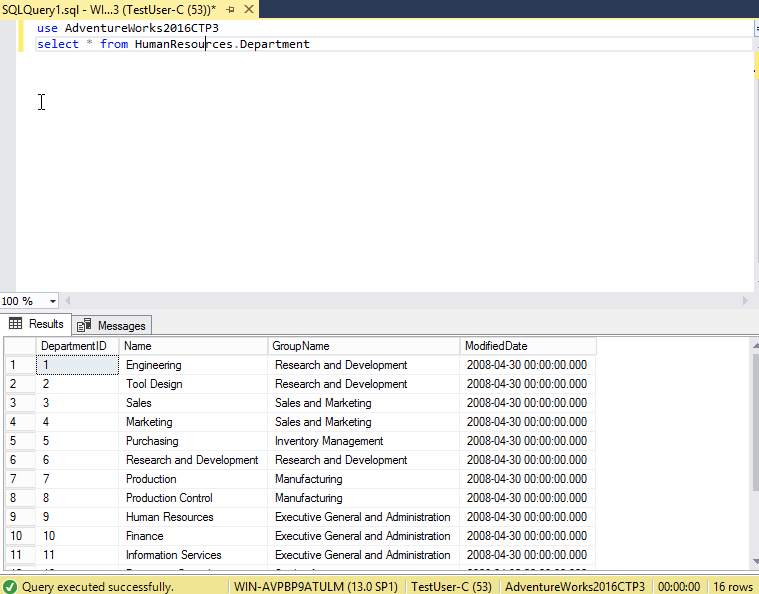


# Task #5. Creating a Custom Database Role

## A. Creating a custom database role

## B. Verifying results

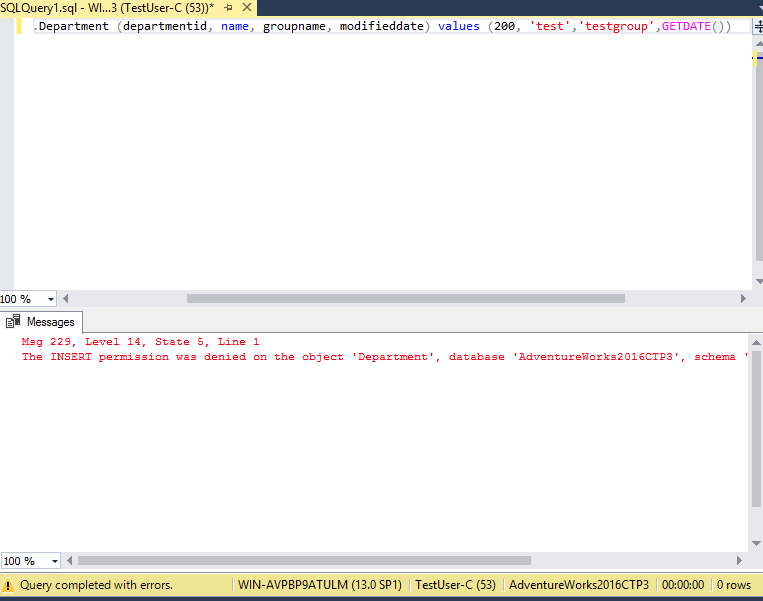
4) Does it work? Show the result in a screenshot. Describe your observation and explain why it works.



**It worked because TestUser-C has granted permission to Select so that user was able to select department within human resourses**

5) Does it fail? Show the result in a screenshot. Describe your observation and explain why it fails.

**Denied the Permission Because TestUser-C does not have Insert permission so it wouldn’t allow that user to insert any value.**

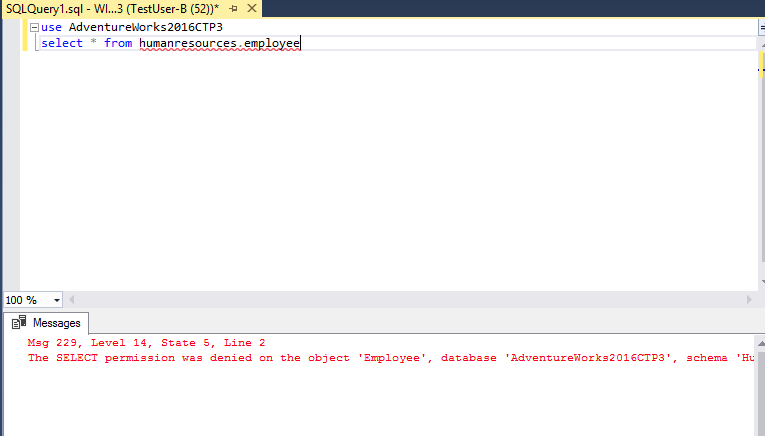


# Task #6. Creating an Application Role

## A. Creating an Application Role

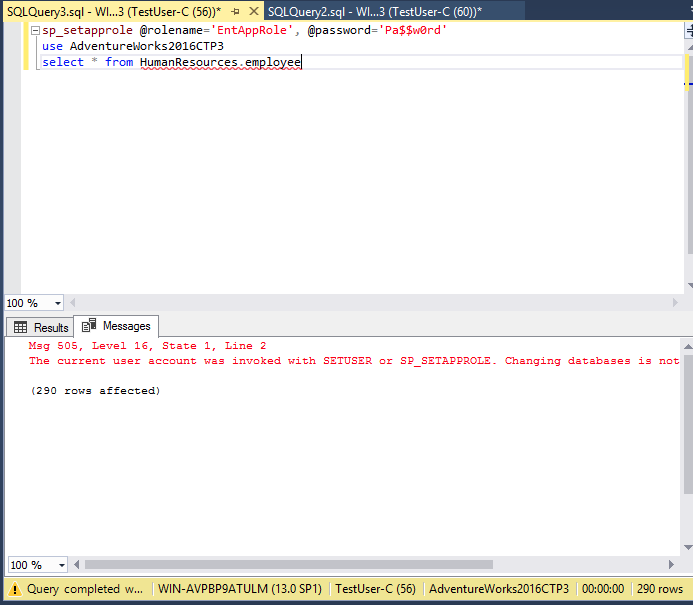
## B. Verifying Results

2) Does it fail? Show the result in a screenshot. Describe your observation and explain why it fails.



It failed because TestUser-B the permission is not activated so that users does not have permission to select, so it denied user’s B permission to select unless we activate it.

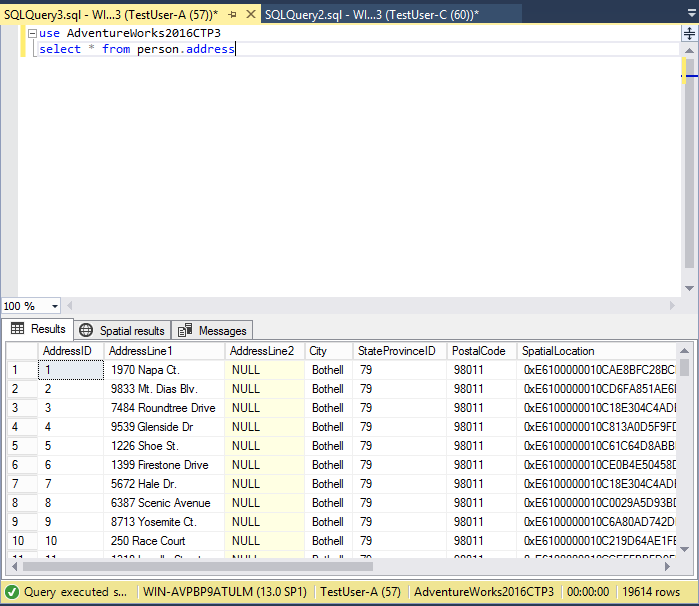
4) Does it work? Show the result in a screenshot. You have to click on Results to view the results. Describe your observation and explain why it works.



I am not sure why, but I think this suppose to work, I have activated the application role but I keep getting this error instead of the tables.

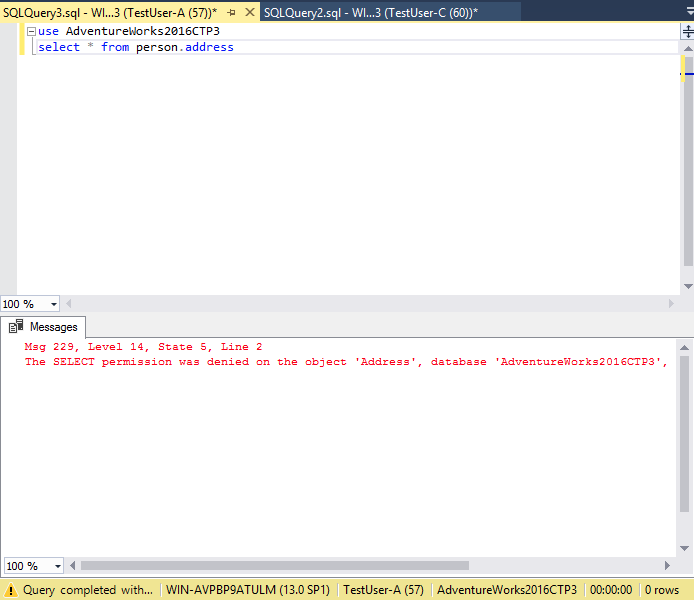
# Task #7. Assigning Permissions

9) Does it work? Show the result in a screenshot. Describe your observation and explain why it works.



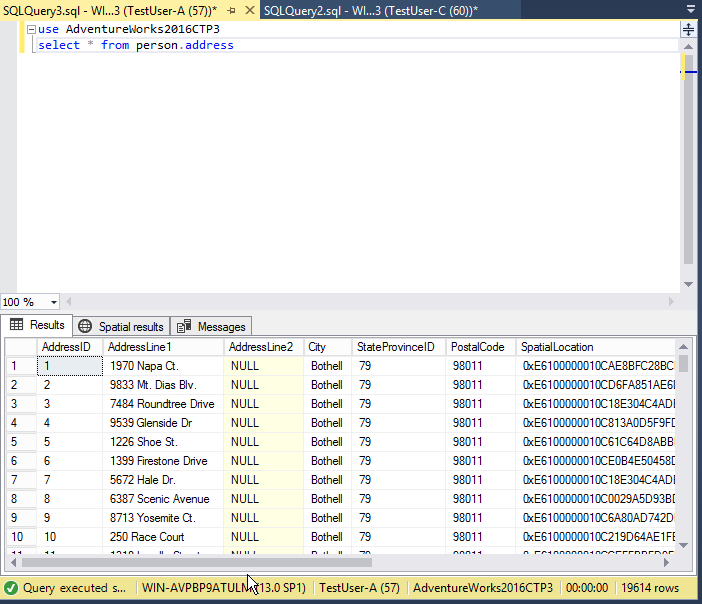
It worked, TestUser-A has permission access to Select person.address

13) Run the previous query. Show the result in a screenshot. Describe your observation and explain why it fails.



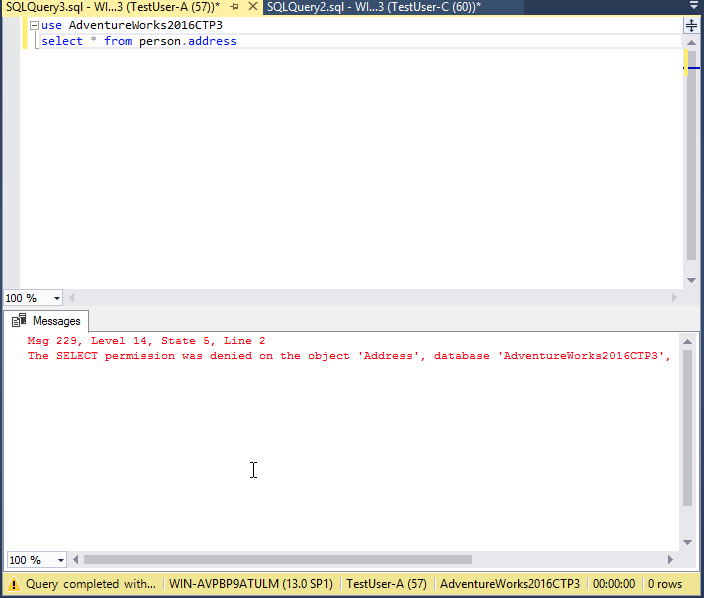
It did not work because we have unchecked the select permission, that user no longer has permission to select the person.address table

15) Run the previous query. Show the result in a screenshot. Describe your observation and explain why it works.



It worked , TestUser-A has the datareader permission so it can select tables.

19) Run the previous query. Show the result in a screenshot. Describe your observation and explain why it fails.



It denies the select permission because since datareader permission is not as important as the deny/grant permission, as it was overridden, so UserTest A won’t have access unless we remove the deny permission.