# Homework 5: User Management

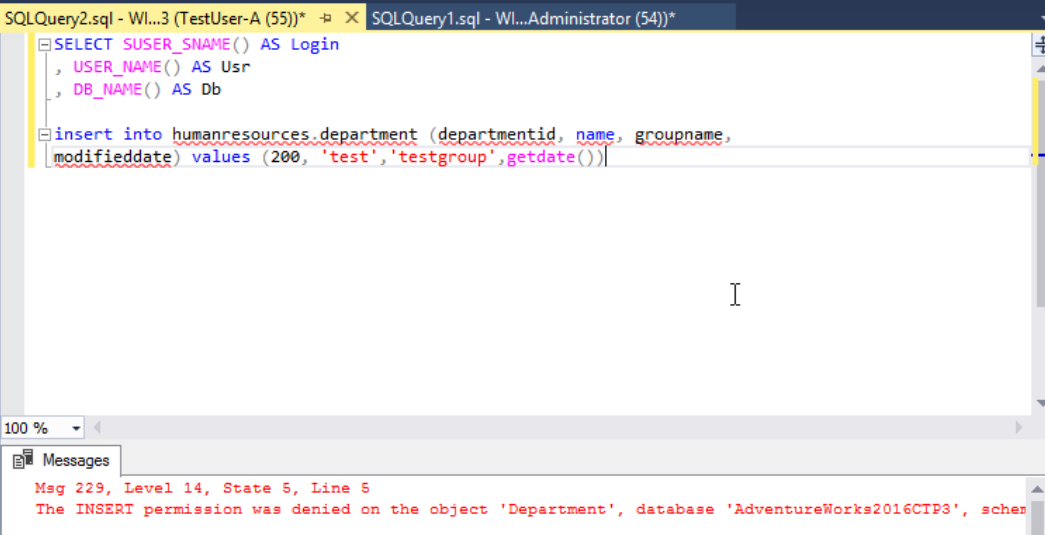
# Task 4. Assigning User Mappings to Fixed Database Roles

## 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.

The user was denied access via roles to write any data into the table.



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

The user has no access to pull data to read from the table.

A screenshot of a computer

AI-generated content may be incorrect.

# 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.

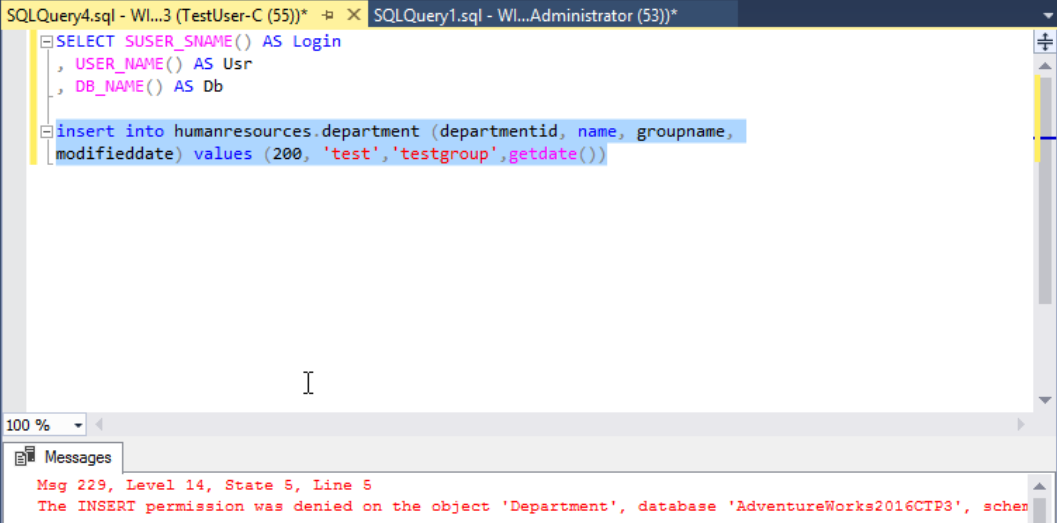
**A screenshot of a computer

AI-generated content may be incorrect.**

Would work because the user was granted access to select from the table. Database in instructions was wrong though.

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

User was granted access to manipulate the data only to retrieve data.



# 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.

(SS didn’t save) – The user wasn’t within the role that had the access to select and retrieve data from the table.

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.

(SS didn’t save) – The role was activated through the ‘sp\_setapprole @rolename='EntAppRole', @password='Pa$$w0rd'’ statement and enabled the user to have those role permissions which includes running select statements.

# Task 7. Assigning Permissions

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

The user has access to run select statements in the query to retrieve data from this table.

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AI-generated content may be incorrect.

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

Since no permissions granted the user had no access to manipulate the table via query.

A screenshot of a computer

AI-generated content may be incorrect.

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

(SS didn’t save) – It works because nothing checked in the permissions means that the role membership will grant certain permissions when selected.

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

(SS didn’t save) – The most direct permission is denied so it directly blocks the query attempt.