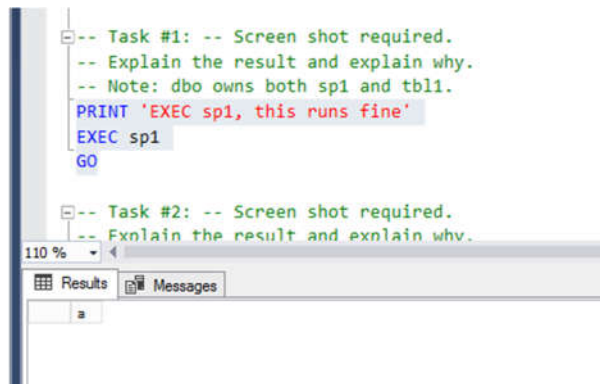# Lab: Ownership Chain

- This is an in-class lab and due tonight.
- Use the following naming convention: homework, underscore, last name, first initial, and extension (e.g., Lab_Ownchain_ImG.docx).

Provide the answers in light of ownership chains.

- (**Task 1**) Show the outcome of this task in a screenshot. Also, explain briefly why you have received the result.
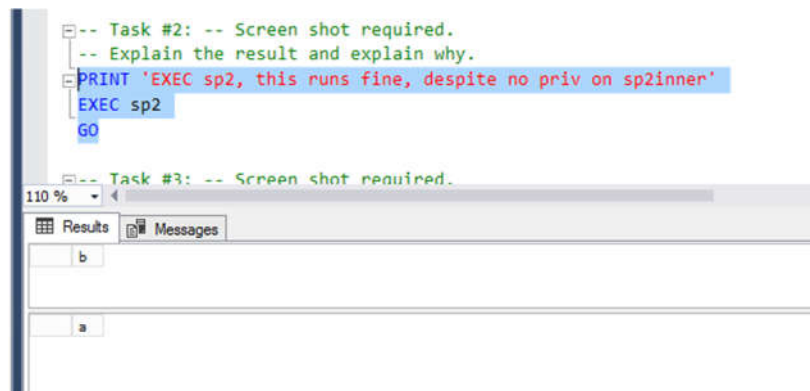

TestUser01 can select data from tbl1 because the user was granted permission to run the stored procedure sp1. Tbl1 is owned by dbo so permission is not denied.

- (**Task 2**) Show the outcome of this task in a screenshot. Also, explain briefly why you have received the result.

Stored procedure sp2 runs because TestUser01 was given permission to run sp2. Both sp2 and sp2inner are owned by dbo, so permission is not denied for either. Ownership chains, and sp2 runs even though permission is not explicitly given.

- (**Task 3**) Show the outcome of this task in a screenshot. Also, explain briefly why you have received the result.

TestUser01 cannot run sp2ProcOwner because the stored procedure is owned by another user ProcOwner01. This prevents the running, even if explicit permission to execute is given to TestUser01.

- (**Task 4**) Show the outcome of this task in a screenshot. Also, explain briefly why you have received the result.

Stored procedure sp3 failed due to TestUser01 not being the owner of tbl3. Even though this user was given permission to run the stored procedure, it cannot read the data in the table.

- (**Task 5**) Show the outcome of this task in a screenshot. Also, explain briefly why the result is different from the one from Task #4?

Running stored procedure sp3 as the sysadmin works because the system administrator automatically has permissions to run the stored procedure as well as access data in tbl3 regardless of ownership.