# Lab: Ownership Chain

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| * 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.

Text

Description automatically generated

**The query works as TestUser01 was given EXECUTE permissions on SP1 explicitly, making it possible for them to select ‘a’ from tbl1.**

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

Graphical user interface, text, application

Description automatically generated

**The query works as TestUser01 was given EXECUTE permissions on SP2 explicitly, making it possible for them to select ‘b’ from tbl2 and ‘a’ from tbl1.**

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

Text, application

Description automatically generated

**The query failed for two reasons: TestUser01 lacks the permission to EXECUTE on SP2 Inner and SELECT data from tbl2, rendering the query unusable for TestUser01.**

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

Graphical user interface, text, application

Description automatically generated

**The query failed as the SELECT permission was not granted to TestUser01 for SP3, as tbl3 in SP3 is owned by TableOwner01. TestUser01 has EXECUTE permission, not SELECT.**

* (**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?

Graphical user interface, text, application

Description automatically generated

**In this query, the execution worked and displayed ‘c’ from tbl3 as the sysadmin role has access to the entire database. It did not work for TestUser01 in #4 as they did not have SELECT permission on tbl3 from SP3.**