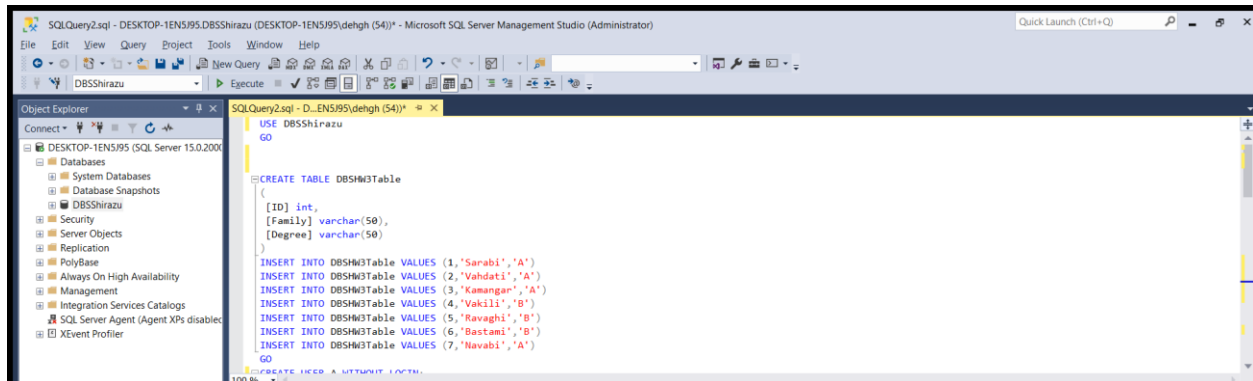# "IN THE NAME OF GOD "

Access Control in Databases

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First of all have to create **DBSShiraz database,** than we create a table to hold data as name as **HW3DBSecTable** .

Populate the table with seven rows of data, showing three column ,that representative our table.


Now create users account that will demonstrate different access capabilities. Grant read access on the table to each of the users, Create a new schema, and an inline table-valued function. The function returns 1 when a row in the Degree column is the same as the user executing the query (@UDegree = USER_NAME()) or if the user executing the query is the Manager user (USER_NAME() = 'DBA').
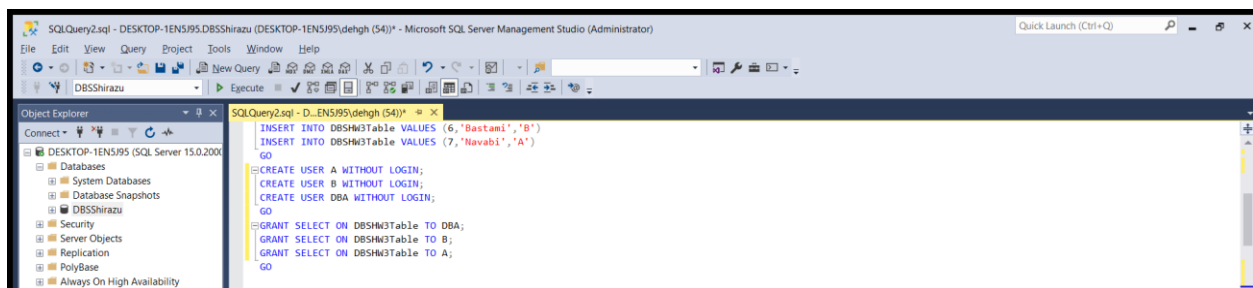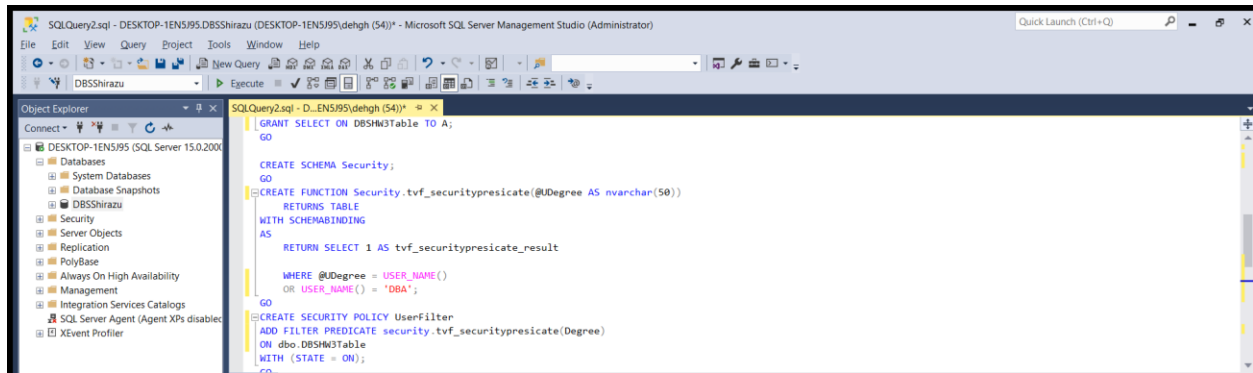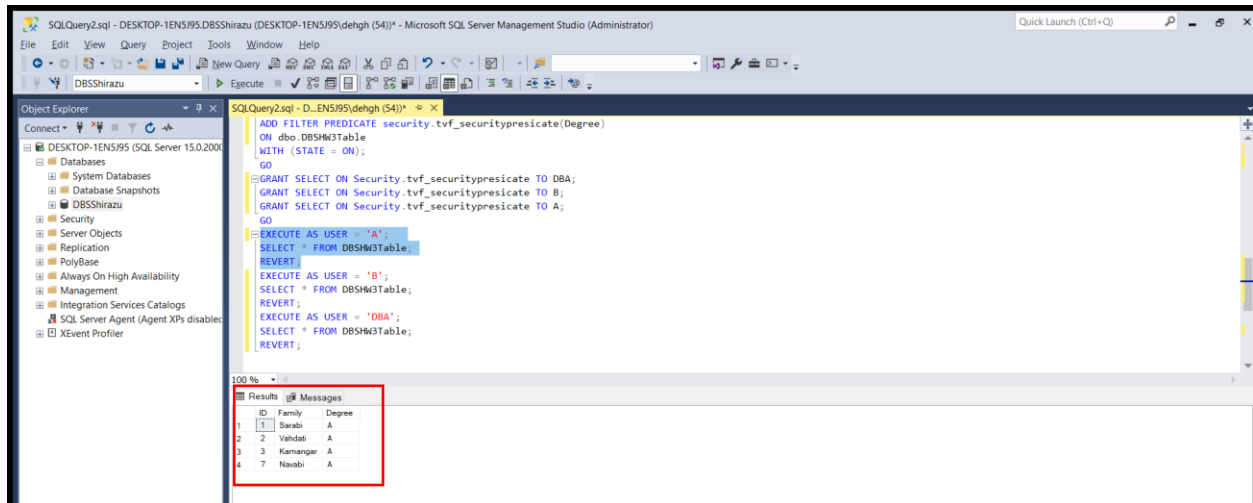
Create a security policy adding the function as a filter predicate, The state must be set to ON to enable the policy and Allow SELECT permissions to the fn_securitypredicate function
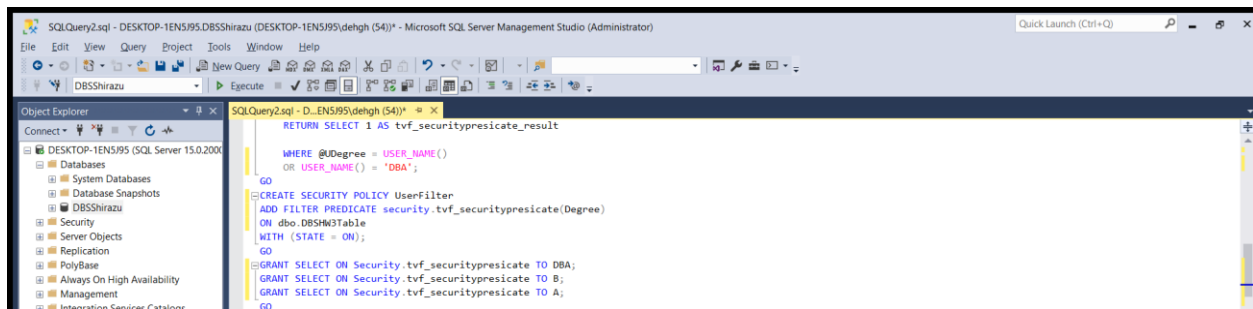
Now test the filtering predicate, by selected from the table as user.

Here is what we want .