**Lab report #5**

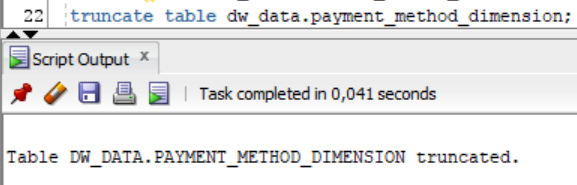
**Sadovskaya Veronika**

GitHub: https://github.com/sdveronika/DataMola22

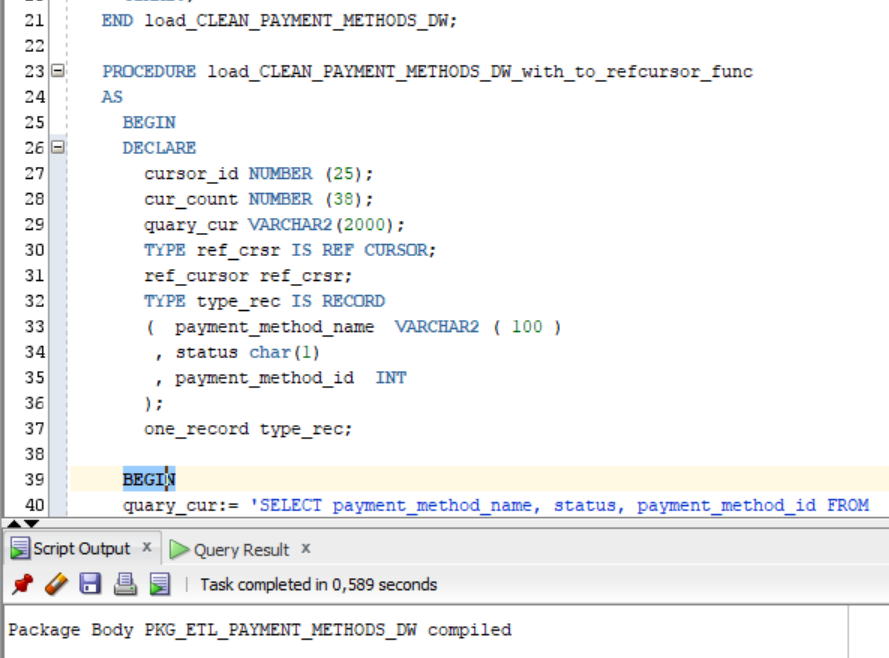
**Task 1 - Create Packages for Reload Dimension from SA\_\***

1. Use DBMS\_SQL.TO\_REFCURSOR Function

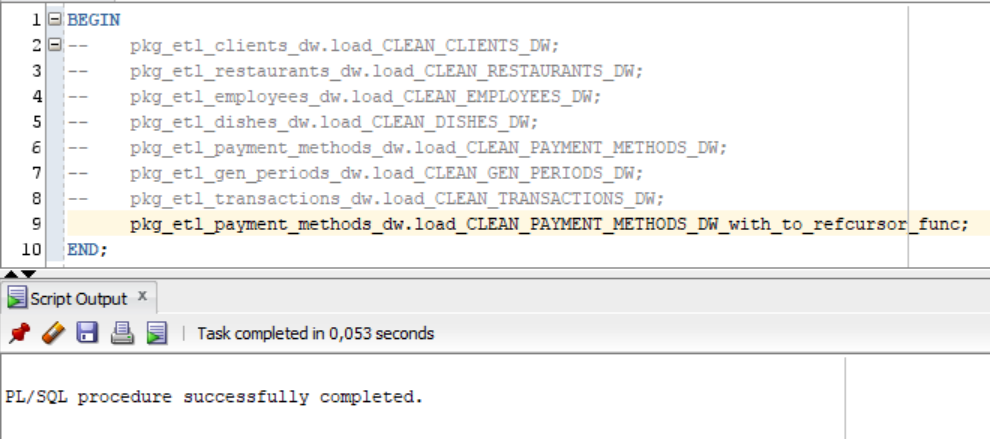
Truncate table dw\_data.payment\_method\_dimension that was created in Lab 4 unit 2:



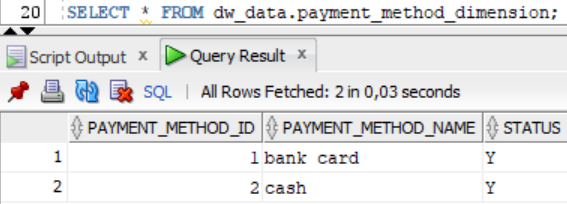
Create new procedure for moving data from cleansing layer to DW layer using the example of payment\_method\_dimension:



Execute new procedure:

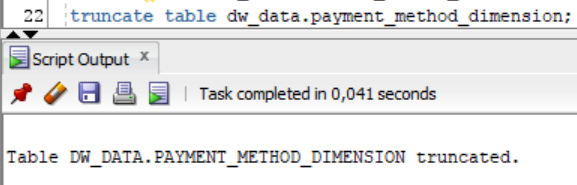


Select data from table dw\_data.payment\_method\_dimension that was filled using the new procedure:

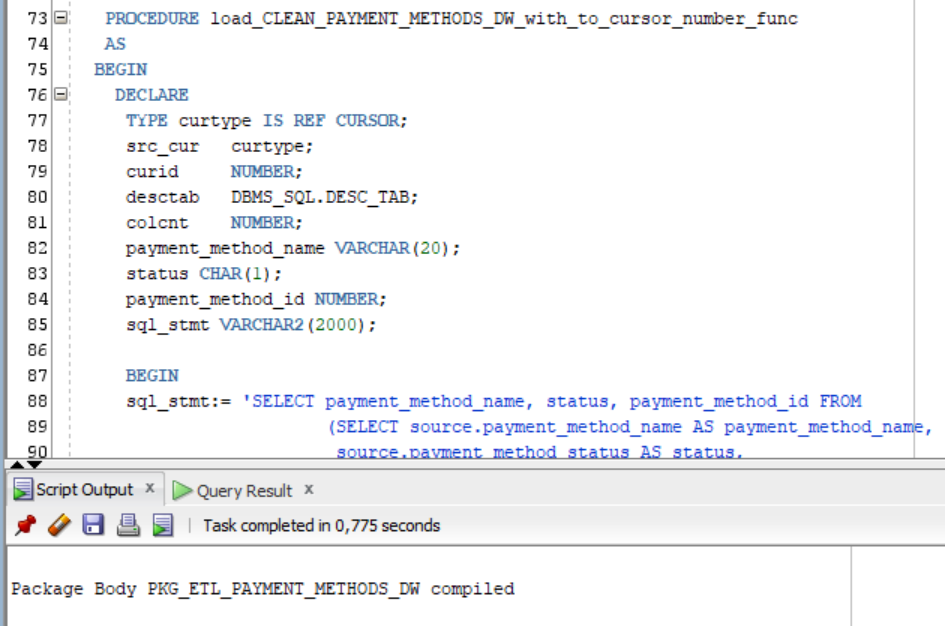


1. Use DBMS\_SQL.TO\_CURSOR\_NUMBER Function

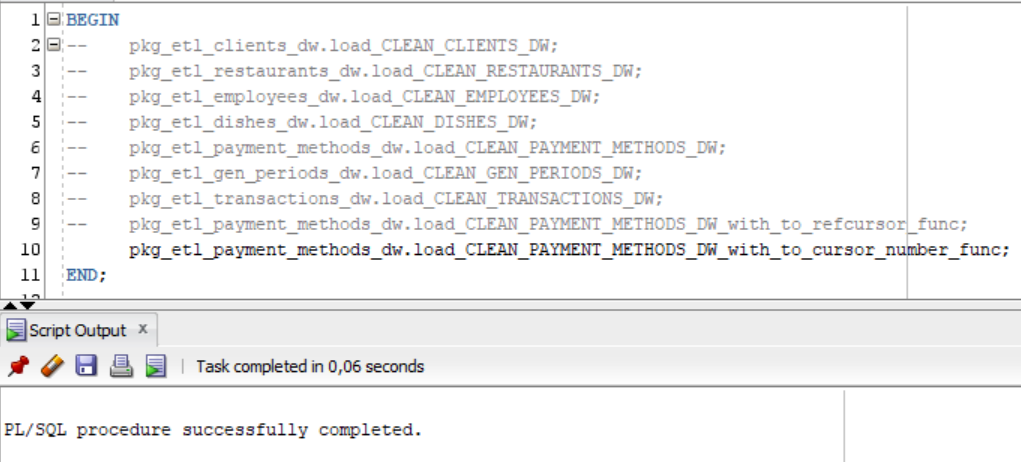
Truncate table dw\_data.payment\_method\_dimension that was created in Lab 4 unit 2:



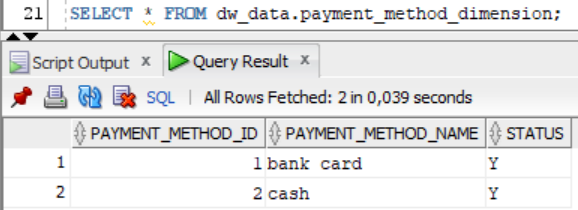
Create new procedure for moving data from cleansing layer to DW layer using the example of payment\_method\_dimension:



Execute new procedure:

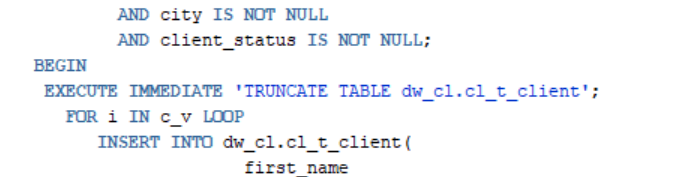


Select data from table dw\_data.payment\_method\_dimension that was filled using the new procedure:



1. Use Execute Immediate with Bind Parameters

Execute Immediate was used back in lab 4 when creating a layer, when we needed to first clear the table before populating it. Example (DW\_CL/clients/ pkg\_etl\_clients\_cl\_imp):



**Task 2 - CREATE** **Monthly** **Reports Layouts**

Using the model, the total number of dishes sold for each item is calculated for the year and for the entire time the restaurant has been operating.

