**ETL Extraction – Example of Loading FCT\_\***

Task 02. Prepare Table of Facts to DW Layer

User DW\_CL was granted with necessary privileges which were added in attached file init\_users.sql.

Tables on DW Layer were created by running scripts from directory \dw\tables\.

Package pkg\_etl\_fct\_finances\_dw was created to reload data in different fact tables at DW Layer from source tables:

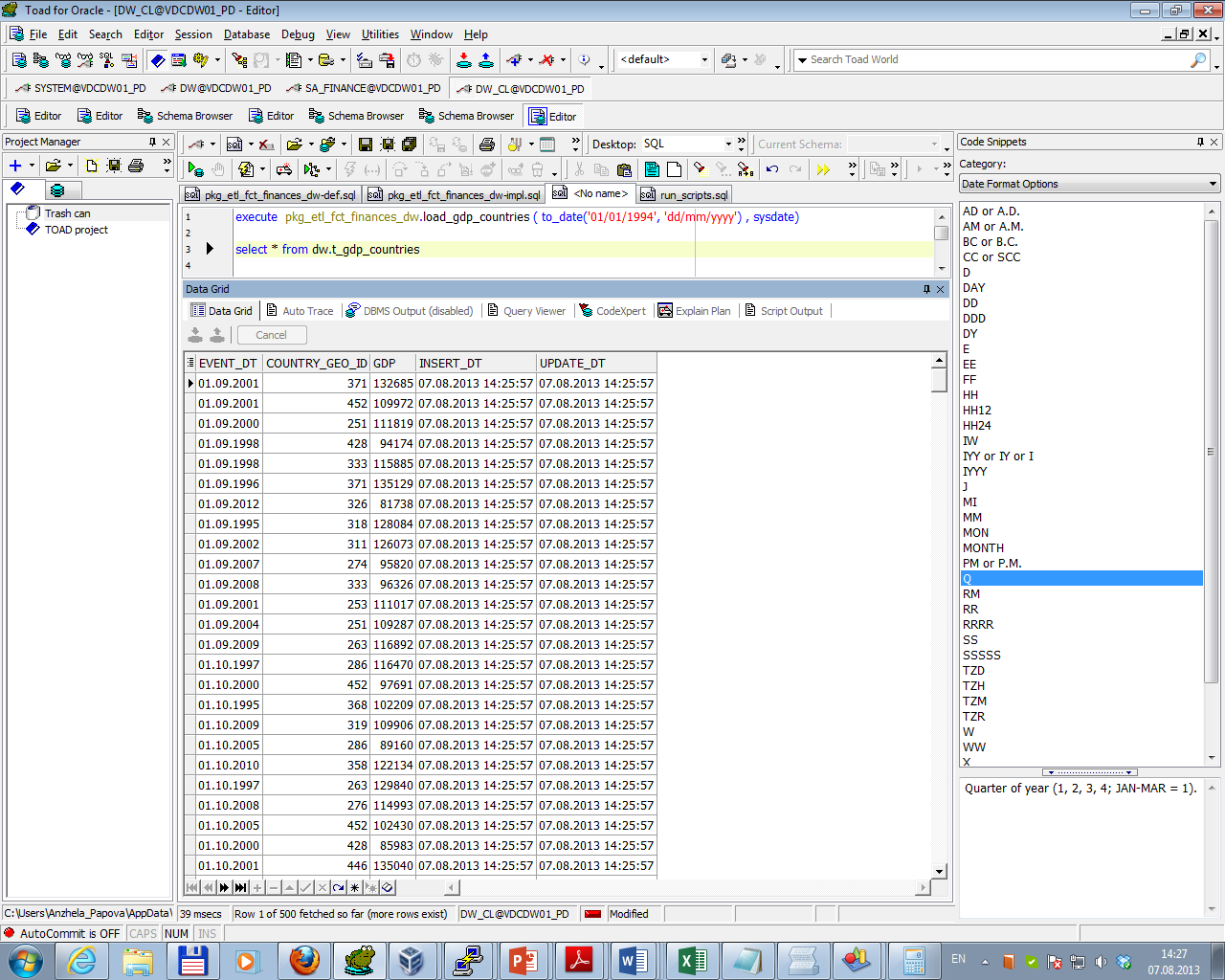
- sa\_finance.gdp\_countries,

- sa\_finance. finance\_countries,

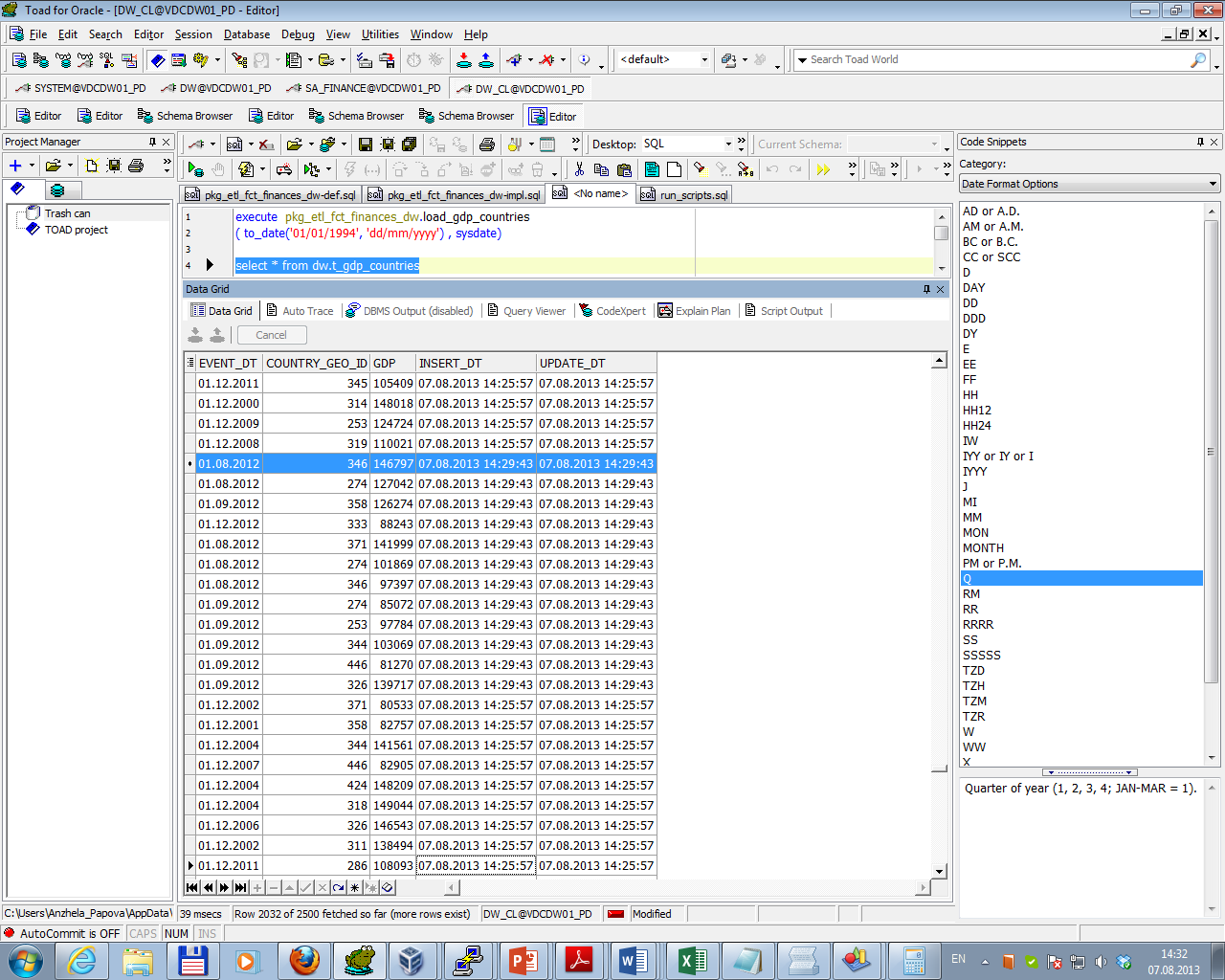
- sa\_finance.fact\_financing.

Package pkg\_etl\_fct\_finances\_dw (presented in directory \dw\_cl\packages\) consists of the next procedures:

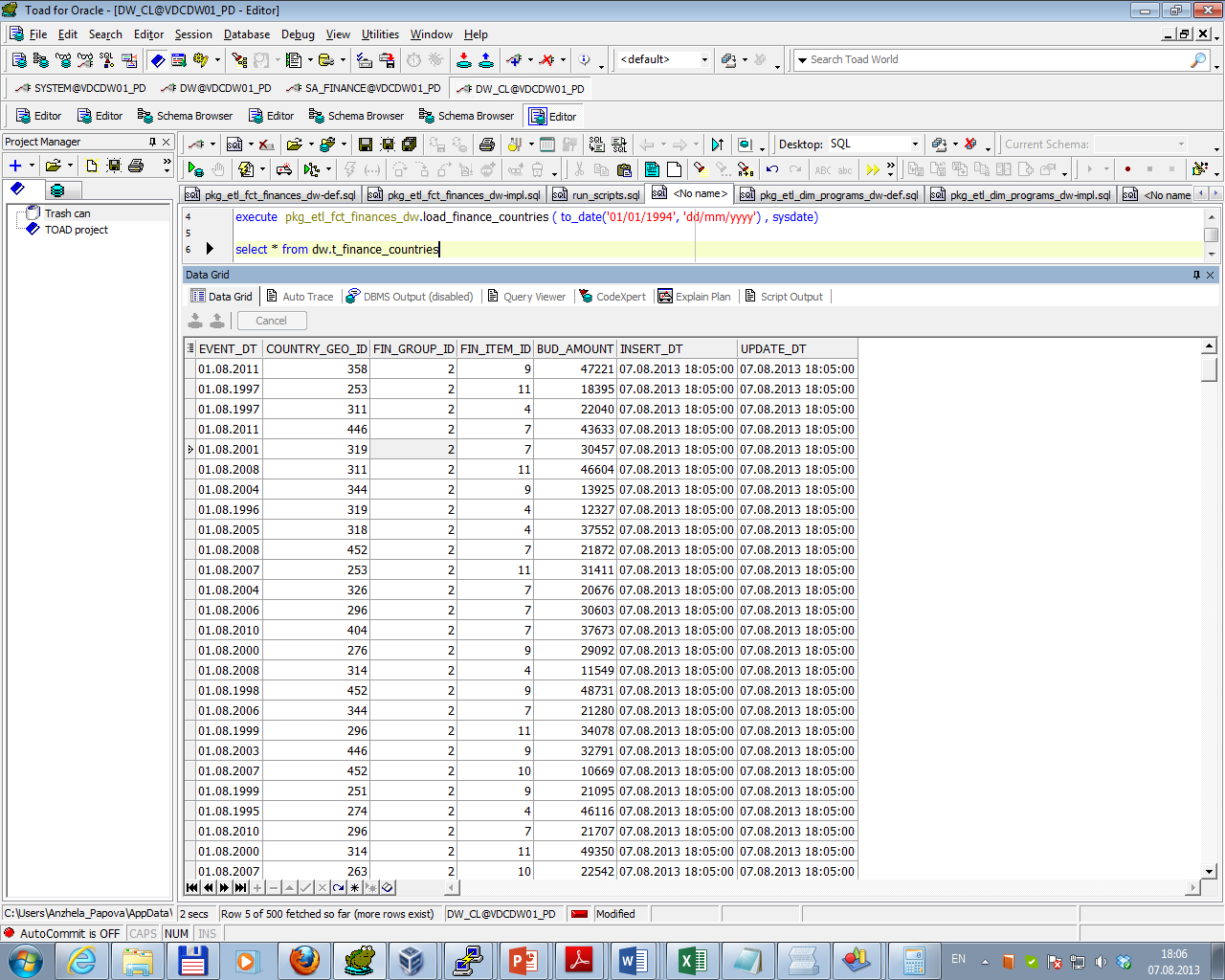
1**. Load\_gdp\_countries**- to load data about GDP of countries in table dw.t\_gdp\_countries. Result of procedure execution is presented below.



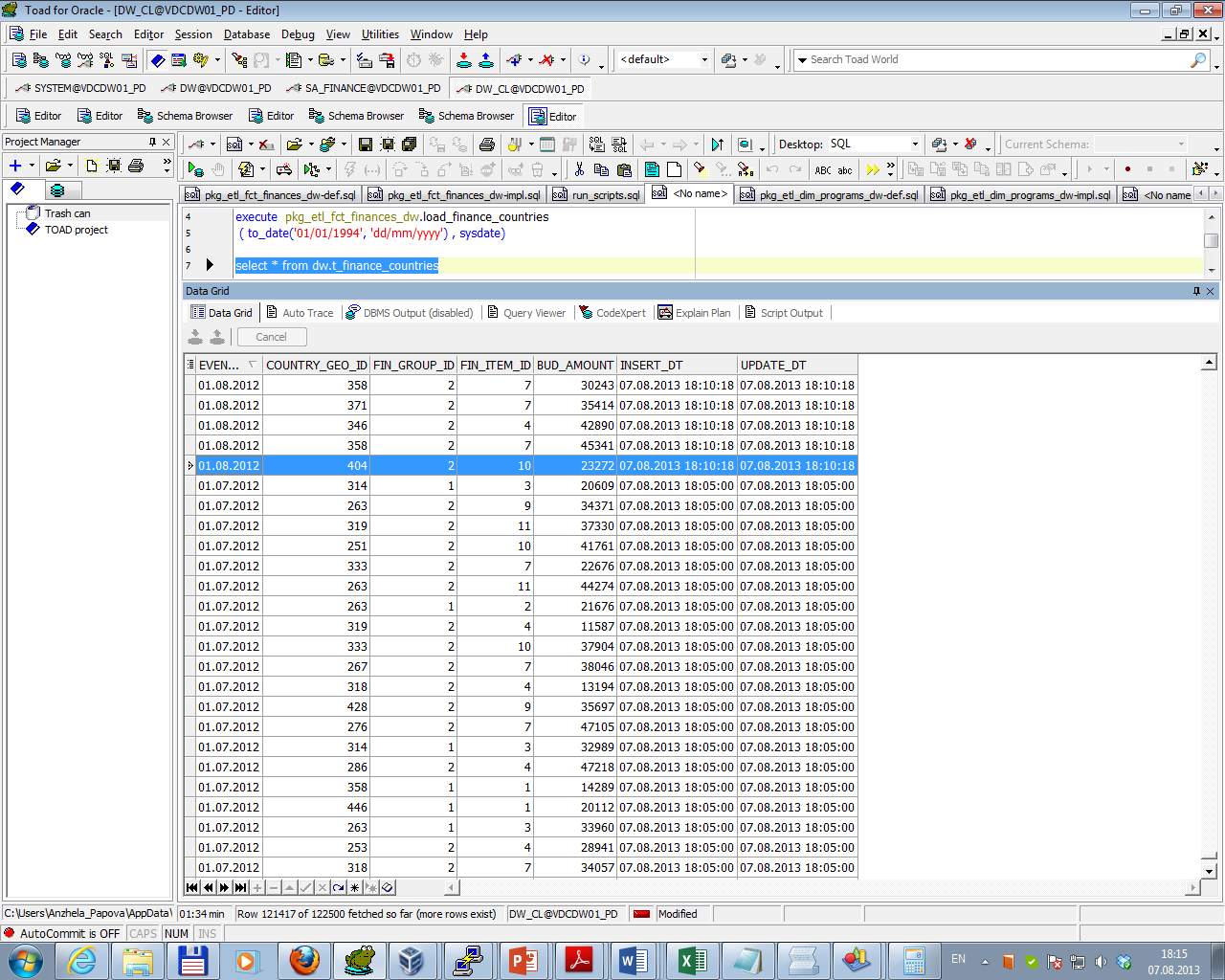
After multi execution result accords business requirements (BR11): data for previous 12 months was overwritten (and update date was changed):



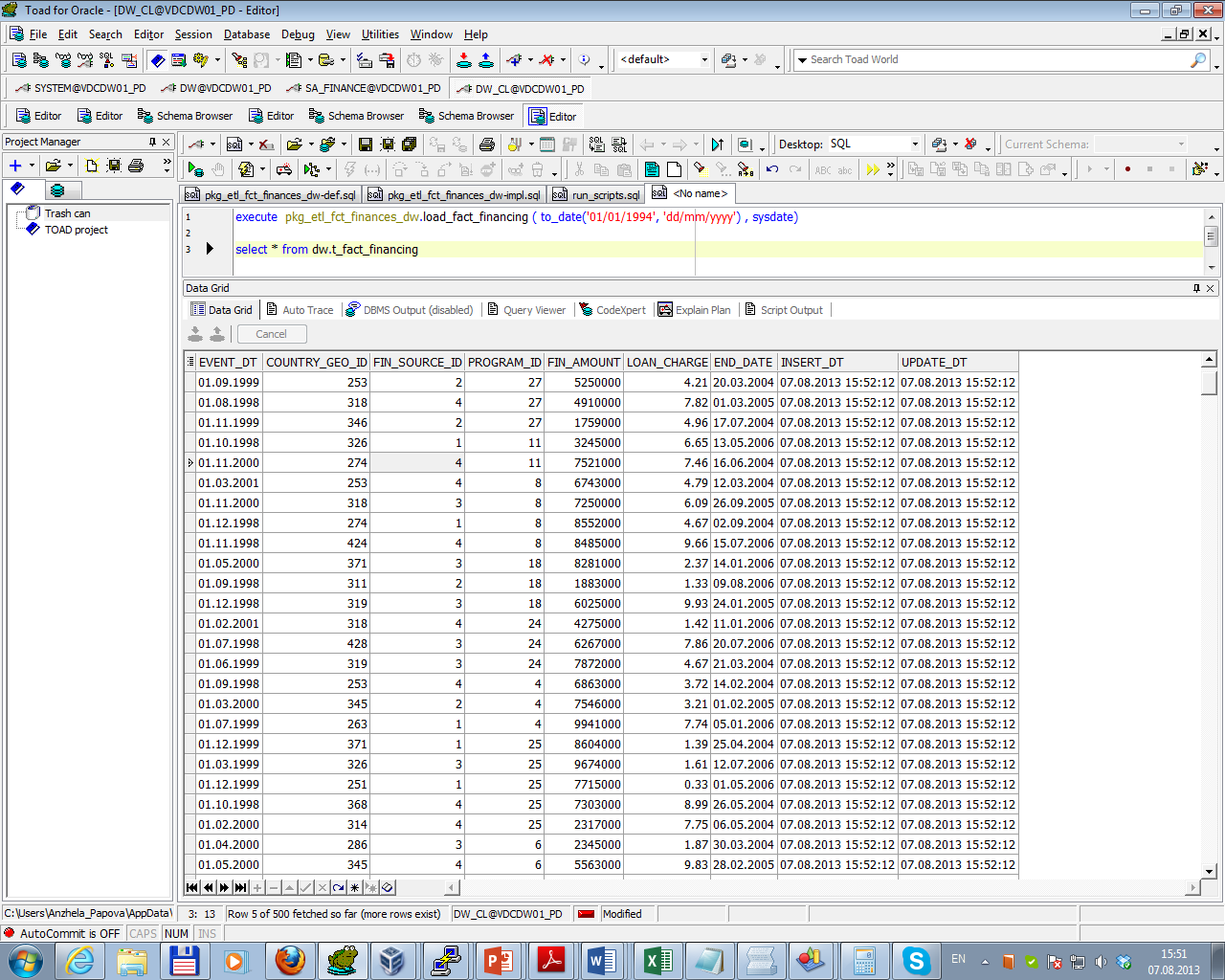
2**. Load\_finance\_countries** - to load data about budget revenues and expenses of countries in table dw.t\_finance\_countries. Result of procedure execution is presented below.



After multi execution result accords business requirements (BR11): data for previous 12 months was overwritten (and update date was changed):



3**. Load\_fact\_financing**- to load data about fact funding of countries in table dw.t\_fact\_financing. Result of procedure execution is presented below.



After multi execution result accords business requirements (BR11): data for previous 12 months should be overwritten (as data for this period doesn’t exist there are no changes).