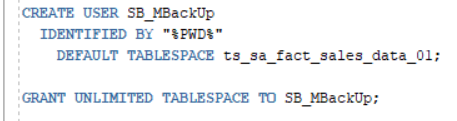
Report for the lab 3 unit 2.

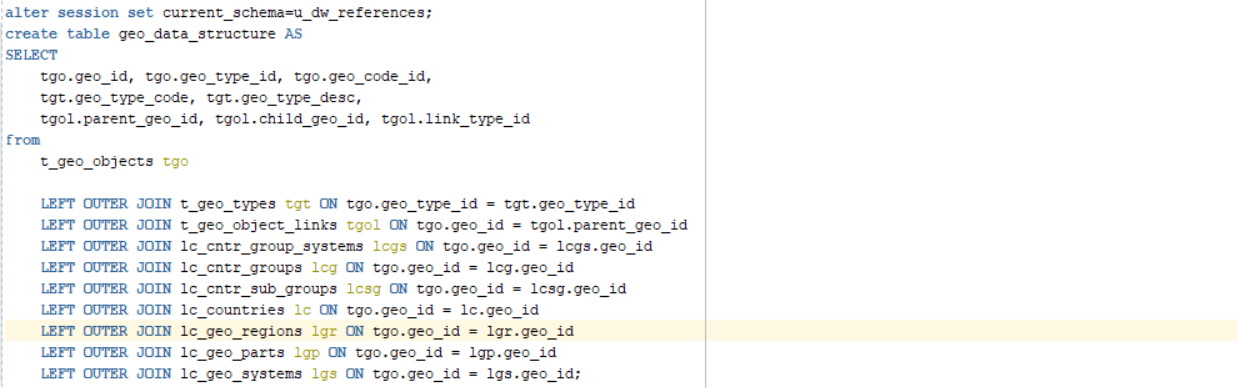
Task 01: Export Geo Location Reference

Creating the user SB\_MbackUp on the ts\_sa\_fact\_sales\_data\_01 tablespace:

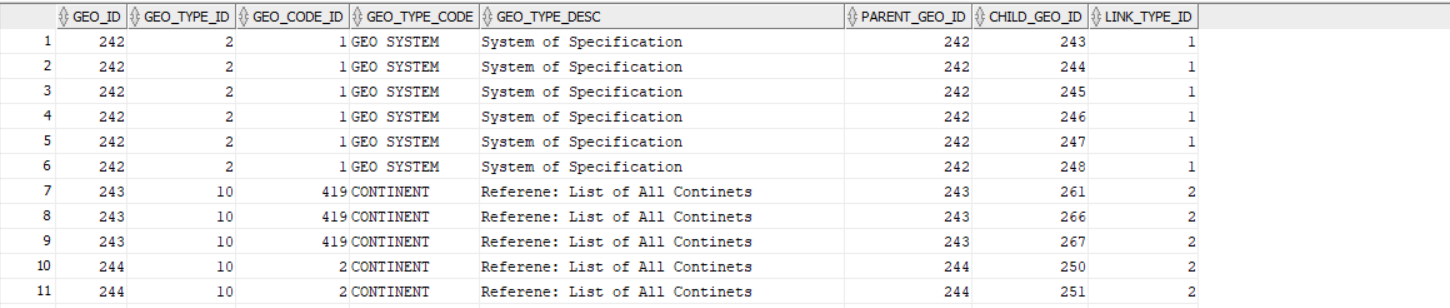


First of all the table geo\_data\_structure is created as left join with tables t\_geo\_objects with t\_geo\_types, t\_geo\_object\_links, lc\_cntr\_group\_systems, lc\_cntr\_groups, lc\_cntr\_sub\_groups, lc\_countries, lc\_geo\_regions, lc\_geo\_parts, lc\_geo\_systems joined by id.

It helps us to clarify which rows are roots (geo\_id equals to parent\_geo\_id):



As the result we obtained table with data about the own id, parent id, child id:



As we can see first 6 rows with geo type ‘geo system’ have the same id as parents. So it means that there are roots.

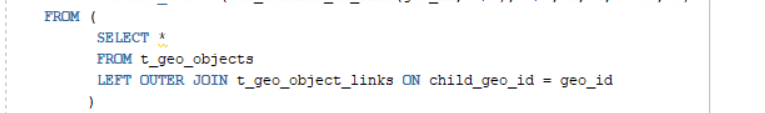
Also from this data two hierarchies are built:

Geo system-> continent-> region-> country (geographical)

Group system-> country group-> country sub group-> country (economical)

We need to use the first one (lets call it t\_geo\_hierarchy).

The lowest hierarchy level is t\_geo\_links left joined with t\_geo\_types on parent\_geo\_id and child\_geo\_id and geo\_id:



As the result we obtained:

