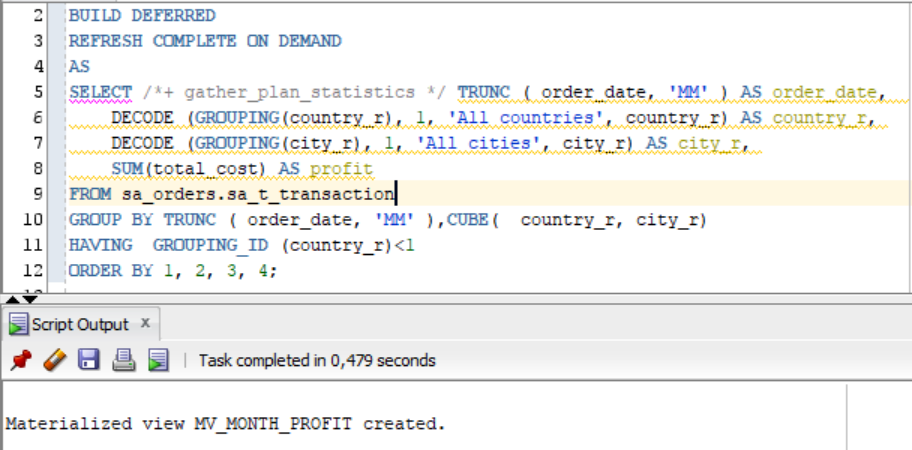
**Lab report #7**

**Sadovskaya Veronika**

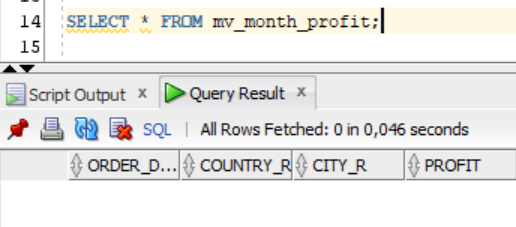
GitHub: <https://github.com/sdveronika/DataMola22>

**Task 1 - Create Materialized Views  - ON DEMAND**

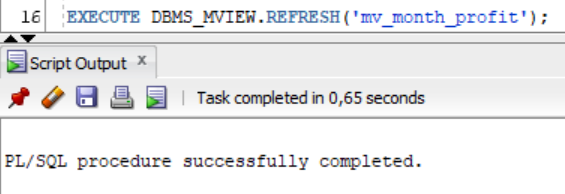
Create materialized view:

****

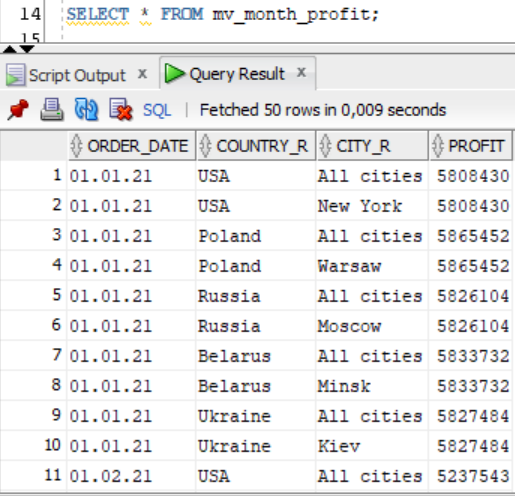
Аfter that let's select data from our view. Аs we can see the view remains empty:

****

Now let's update our view using the function DBMS\_MVIEW.REFRESH:

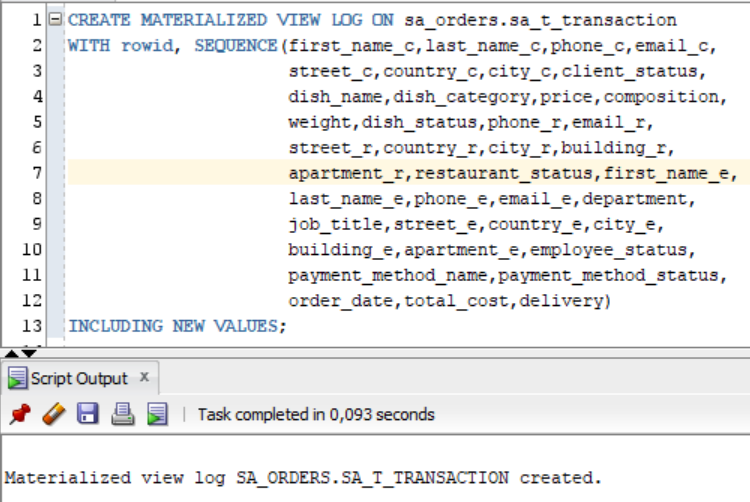
****

If we now execute select with our view, we will see that it is full:

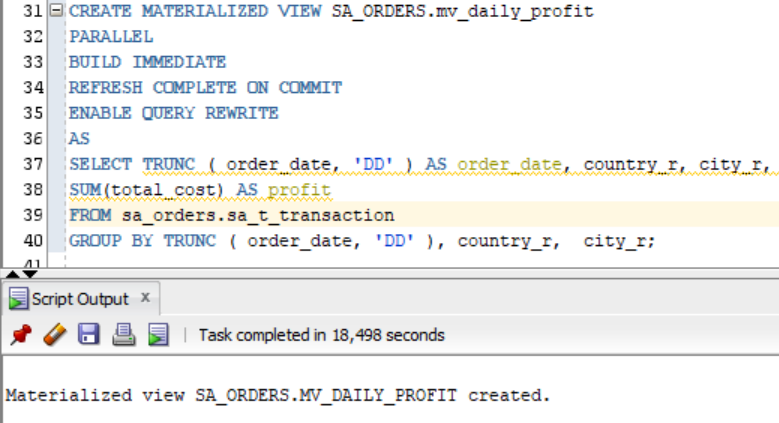
****

**Task 2 - Create Materialized Views - ON COMMIT**

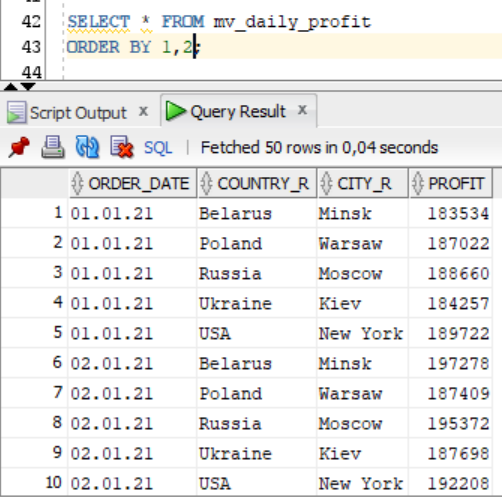
Create materialized view log on our transactions table:

****

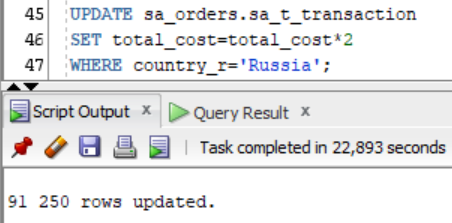
Create materialized view:

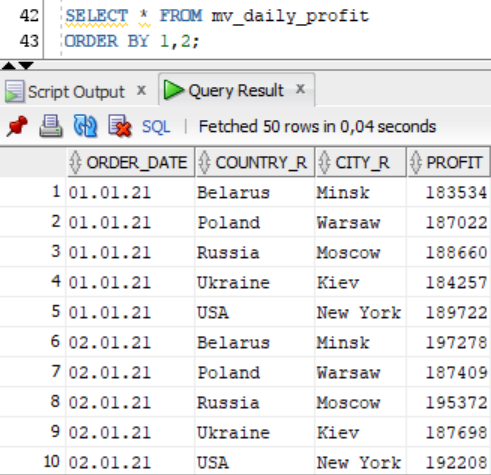
****

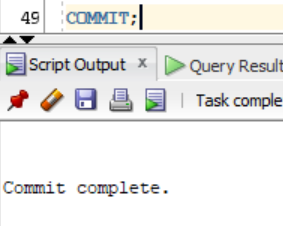
Аfter that let's select data from our view. Аs we can see the view remains is full:

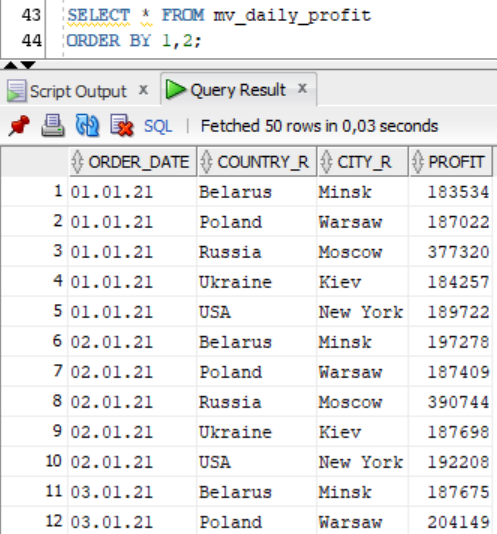
****

Now let's change the data in our resource table (increase total\_cost by 2 times) and commit changes:

****

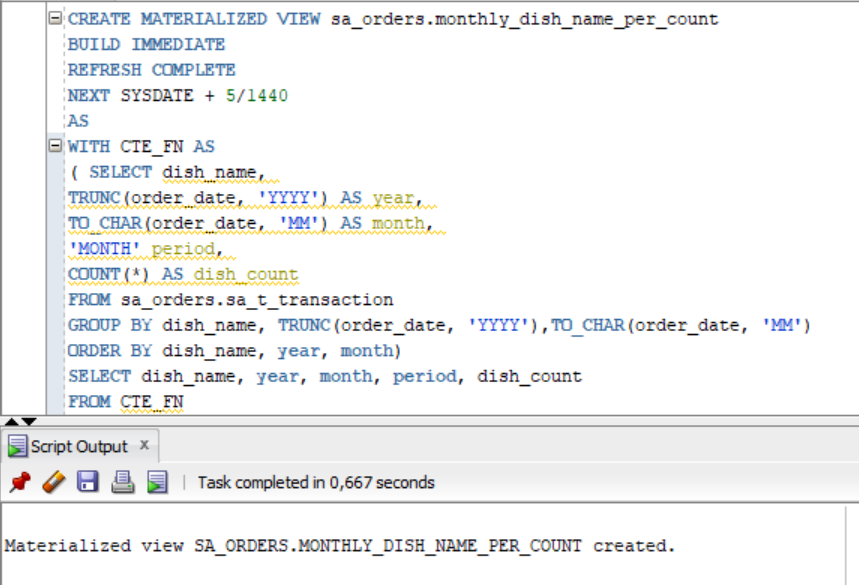
****

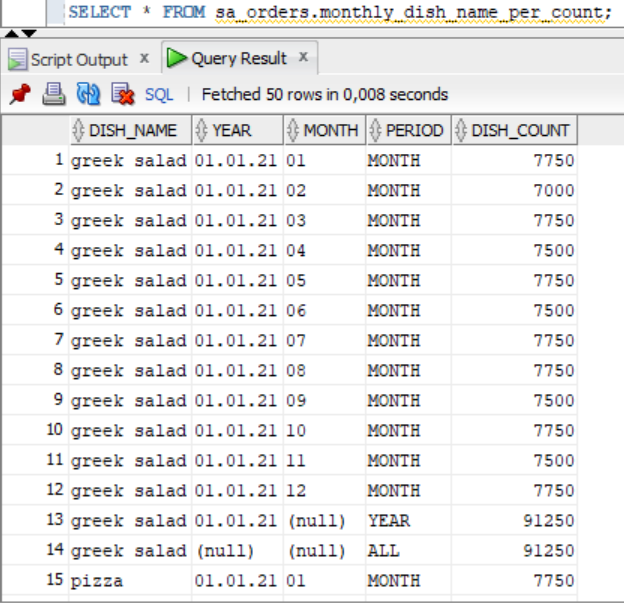
****

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**Task 3 - Create Materialized Views - Refreshing at definitive Time moment**

Let's create a materialized view that will be updated every 5 minutes, based on a monthly report from 5 labs 2 tasks:

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