Вторая итерация по проекту

3)Подготовить DDL скрипты и создать свою базу в СУБД.

```
create schema if not exists pm
create table if not exists pm.goods stock (
create table if not exists pm.supplier (
phone supplier varchar(64) not null,
gender client varchar(64) not null,
create table if not exists pm.order return (
```

```
reason_return varchar(256) not null
)
create table if not exists pm.sup_goods (
id_goods integer not null primary key,
id_supplier integer not null
)
```

Скриншот:

```
postgres (2 of 4
id_q
  ∨ tables 8
     > III client
                                                      cost
     > m goods_order
     > m goods_stock
                                                      reas
     > III order
     > IIII order return
                                             52 🗸
                                                      crea
     > m orders_archive
                                                      id_q
     > III sup_goods
                                                      i 🧘 s
     > m supplier
```

4)Наполнить созданную базу данными, 10 записей в каждой таблице.

```
insert into pm.goods_stock (id_goods, id_supplier, name_goods,
desc_goods, cost_goods) values
(1, 1, 'Barbie doll', 'toy girl', 1000),
(2, 1, 'Toy car', 'toy for boys', 700),
(3, 2, 'Barbie doll', 'toy for girl', 1000),
(4, 3, 'Puzzles', 'development for children and adults', 500),
(5, 3, 'Puzzles version 2', 'development for adults', 800),
(6, 4, 'Markers', 'designed for drawing', 300),
(7, 4, 'Pencils', 'designed for drawing', 250),
(8, 5, 'Kids sunglasses', 'designed for children', 1500),
(9, 6, 'Sketchbook', 'designed for drawing', 230),
(10, 6, 'Notebook', 'designed for drawing', 210);

insert into pm.supplier (id_supplier, fullname_supplier,
phone_supplier, address_supplier, name_goods1, name_goods2)
values
(1, 'Ivanov Ivan Dmitrievich', '89797845', 'street Pushkin 5',
'Toy car', 'Notebook'),
(2, 'Grozd Nikolay Ivanovich', '89233454', 'street Pushkin 9',
'Puzzles', 'Barbie doll'),
(3, 'Torova Anastasia Sergeevna', '89231154', 'street Pobedy 9',
'Puzzles', 'Puzzles version 2'),
(4, 'Robov Konstantin Denisovich', '86786745', 'street Kaluznaya
3', 'Markers', 'Pencils'),
(5, 'Frolova Karina Viktorovna', '84565690', 'street Grozny 12',
```

```
insert into pm.order (id order, id client, name goods1,
insert into pm.goods order (id order, id supplier, name goods,
(2, 2, '2023-01-03', 2000),
```

```
insert into pm.sup goods(id goods, id supplier) values
```

Скриншоты:

```
postgres.public> insert into pm.goods_stock (id_goods, id_supplier, name_goods, desc_goods, cost_goods) values

(1, 1, 'Barbie doll', 'toy girl', 1000),
(2, 1, 'Toy car', 'toy for boys', 700),
(3, 2, 'Barbie doll', 'toy for girl', 1000),
(4, 3, 'Puzzles', 'development for children and adults', 500),
(5, 3, 'Puzzles version 2', 'development for adults', 800),
(6, 4, 'Markers', 'designed for drawing', 300),
(7, 4, 'Pencils', 'designed for drawing', 250),
(8, 5, 'Kids sunglasses', 'designed for children', 1500),
(9, 6, 'Sketchbook', 'designed for drawing', 230),
(10, 6, 'Notebook', 'designed for drawing', 210)

[2023-04-06 03:38:39] 10 rows affected in 47 ms
```

```
[2023-04-06 03:38:39] 10 rows affected in 47 ms

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```

```
[2023-04-06 03:39:52] 10 rows affected in 49 ms

postgres.public* insert into pm.goods_order (id_order, id_supplier, name_goods, amount_goods, cost_goods) values

(1, 3, 'Puzzles', 3, 1500),
(2, 3, 'Puzzles', 2, 1000),
(3, 9, 'Markers', 1, 300),
(4, 3, 'Puzzles version 2', 3, 2400),
(5, 5, 'Kids sunglasses', 2, 3000),
(6, 3, 'Puzzles', 1, 500),
(7, 1,'Toy car', 1, 700),
(8, 3, 'Puzzles', 3, 1500),
(9, 3, 'Puzzles version 2', 2, 1600),
(10, 1, 'Toy car', 3, 2100)

[2023-04-06 03:40:08] 10 rows affected in 54 ms
```

```
postgres.public> insert into pm.client (id_client, fullname_client, datage_client, gender_client, amount_gclient) values

(1, 'Ftorova Karina Sergeevna', '23', 'female', 100),
(2, 'Ivanov Ivan Sergeevich', '35', 'male', 32),
(3, 'Ivanova Svetlana Sergeevna', '18', 'female', 25),
(4, 'Bykin Ivan Ivanovich', '45', 'male', 150),
(5, 'Tropina Galina Vladimirovna', '55', 'female', 89),
(6, 'Bykina Elena Georgievna', '43', 'female', 150),
(7, 'Bykov Ivan Ivanovich', '21', 'male', 13),
(8, 'Ftorova Marina Sergeevna', '28', 'female', 56),
(9, 'Torkov Vladimir Denisovich', '18', 'male', 23),
(10, 'Mashkova Nadeya Ivanovna', '19', 'female', 77)
```

5)Написать не менее 10 запросов(insert, select...).

1.select * from pm.client

2.select * from pm.client order by pm.client.amount_gclient

3.delete from pm.orders_archive where time_order = '2023-01-02' update pm.supplier set address='street Pobedy 5' where id_supplier = 3

4.insert into pm.goods_stock (id_goods, id_supplier, name_goods, desc_goods, cost_goods) values

(11, 1, 'Ken doll', 'toy for girl', 1200)

5.update pm.supplier set phone_supplier='89390393' where id_supplier = 4

6.select name_goods, reason_return from pm.order_return

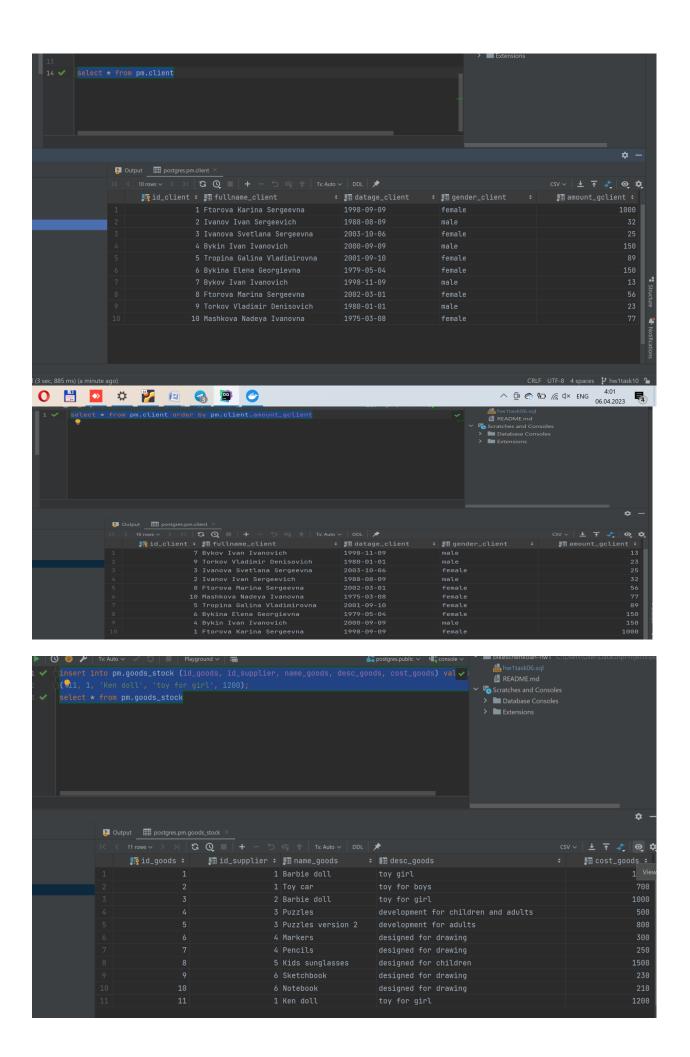
7.select datage_client, gender_client, amount_gclient from pm.client 8.delete from pm.supplier where id_supplier=2

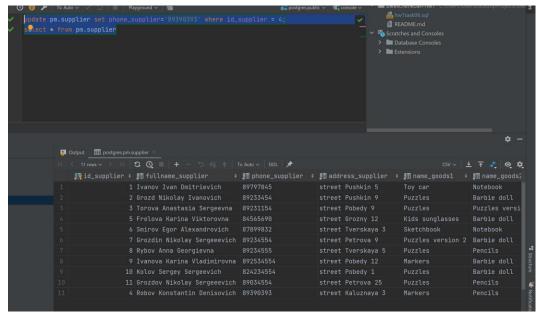
9.insert into pm.order_return (id_order, id_goods, name_goods, cost_return, reason_return) values (13, 4, 'Puzzles', 1500, 'broken')

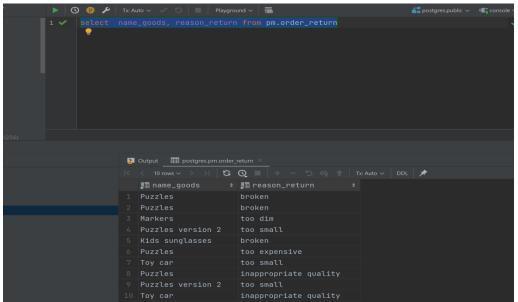
10.insert into pm.goods_stock(id_goods, id_supplier, name_goods, desc_goods, cost_goods) values

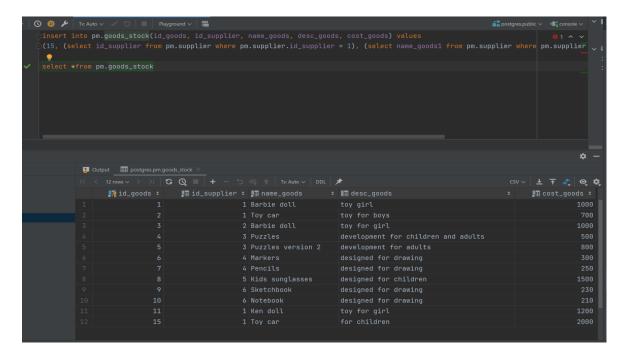
(15, (select id_supplier from pm.supplier where pm.supplier.id_supplier = 1), (select name_goods from pm.supplier where pm.supplier.id_supplier = 1), 'for children', 2000)

Скриншоты (последний скриншот на 10 запрос):









6)Написать 6 запросов(group by, order by...).

select id_client, amount_gclient from pm.client pm group by amount_gclient, id_client having amount_gclient > 60 select * from pm.orders_archive order by pm.orders_archive.time_order DESC

select id_order, (select name_goods from pm.goods_stock where id_goods = 3) , row_number() over() as row_number

from pm.goods_order order by row_number ASC

select id_client, fullname_client, lag(id_client) over (partition by gender_client order by datage_client) as older_client from pm.client

select id_client, fullname_client, lead(id_client) over (partition by gender_client order by datage_client) as younger_client from pm.client

Скриншоты:

