

Скрипт - Представления

-- Сводная таблица по товарам, с указанием артикула, бренда
-- названия, цены и ее валюты, наименование категории

```
CREATE OR REPLACE VIEW product_information
AS SELECT products.article product,
       brands.name brand,
       products.name_of_manufacturer name,
       price.price price,
       currency.abbreviation abbreviation,
       catalogs.name catalogs
FROM products
LEFT JOIN brands
      ON products.id = brands.id
LEFT JOIN price
      ON products.id = price.product_id
LEFT JOIN price_type
      ON price.product_id = price_type.id
LEFT JOIN currency
      ON price_type.currency_id = currency.id
LEFT JOIN catalogs
      ON products.catalog_id = catalogs.id
ORDER BY article;

SELECT * FROM product_information;
```

-- Список компаний должников с указанием название компании, директора
-- телефонов, e-mail, баланса, суммы задолженности и срок просрочки.

```
CREATE OR REPLACE VIEW debtors
AS SELECT company.name name,
       profiles.director director,
       profiles.phone phone,
       profiles.another_phone another_phone,
       profiles.email email,
       company.balance balance,
       company.credit_sum credit_sum,
       company.receivables receivables,
       company.overdue_receivables overdue_receivables,
       company.overdue_duration overdue_duration
FROM company
JOIN profiles
      ON company.profile_id = profiles.id
WHERE
       company.receivables != 0
ORDER BY company.name;

SELECT * FROM debtors;
```

-- Список заказов по выбранной дате, с указанием номера заказа, имя заказчика
-- статус заказа, артикул товара, цена товара, количество, адрес и менеджер

```
CREATE OR REPLACE VIEW order_list
AS SELECT orders.id numbers_order,
        company.name name,
        order_status.name order_status,
        products.article article,
        order_item.price price,
        order_item.quantity quantity,
        delivery_point.address delivery_point,
        CONCAT(managers.first_name, ' ', managers.last_name) name_manager
FROM orders
LEFT JOIN company
    ON orders.company_id = company.id
LEFT JOIN order_status
    ON orders.status_id = order_status.id
LEFT JOIN order_item
    ON orders.id = order_item.id
LEFT JOIN products
    ON products.id = order_item.product_id
LEFT JOIN delivery_point
    ON orders.delivery_point_id = delivery_point.id
LEFT JOIN managers
    ON orders.manager_id = managers.id
WHERE orders.created_at >= '2020-01-01' AND orders.created_at < '2021-01-01'
ORDER BY orders.id;
```

```
SELECT * FROM order_list;
```

-- Таблица для подсчета продаж по менеджерам.

```
CREATE OR REPLACE VIEW total_store_managers
AS SELECT
        CONCAT(managers.first_name, ' ', managers.last_name) name_manager,
        SUM(order_item.price) total
FROM managers
LEFT JOIN orders
    ON managers.id = orders.manager_id
LEFT JOIN order_item
    ON orders.id = order_item.order_id
GROUP BY order_item.price
ORDER BY total DESC ;

SELECT * FROM total_store_managers;
```