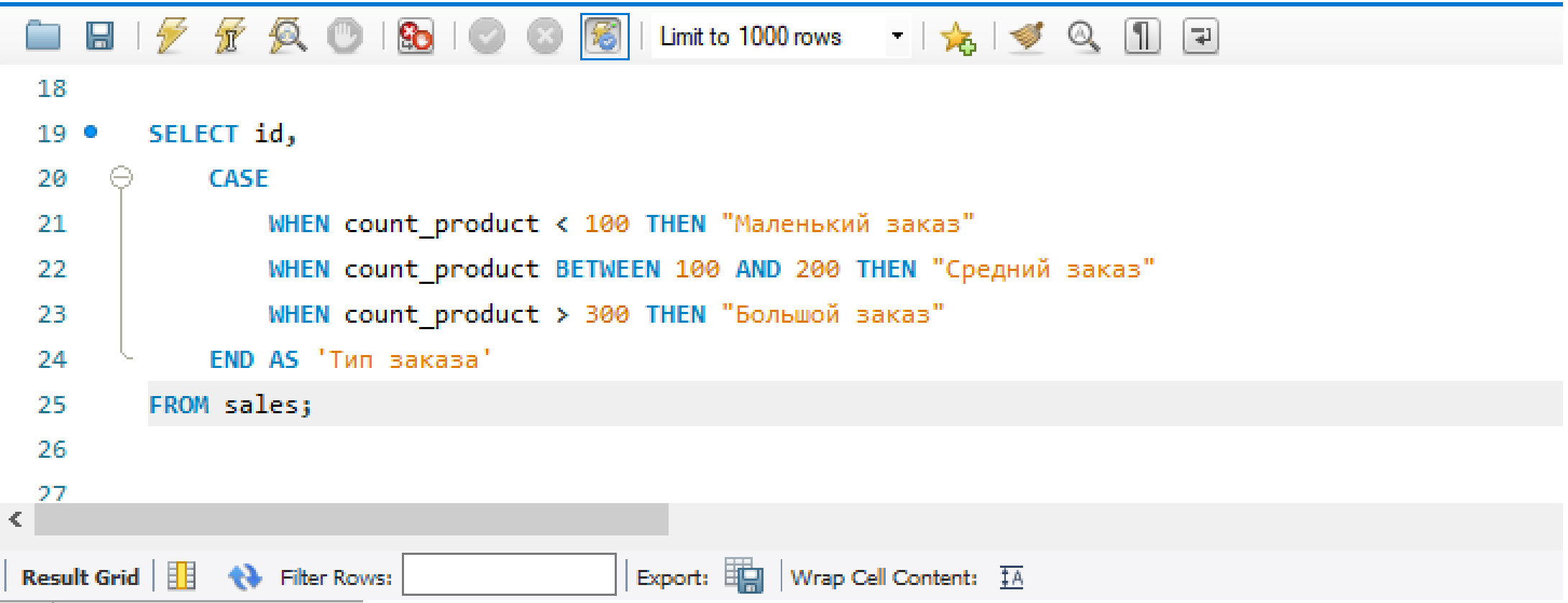
1. Используя операторы языка SQL, создайте таблицу “sales”. Заполните ее данными.

```sql
USE home_work_02;

CREATE TABLE sales(
    id serial primary key,
    order_date date not null,
    count_product INT
);

INSERT INTO sales(order_date, count_product)
VALUES
('2022-01-01', 156),
('2022-01-02', 180),
('2022-01-03', 21),
('2022-01-04', 124),
('2022-01-05', 341);

select * from sales;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	order_date	count_product
1	2022-01-01	156
2	2022-01-02	180
3	2022-01-03	21
4	2022-01-04	124
5	2022-01-05	341
NULL	NULL	NULL

2. Для данных таблицы “sales” укажите тип заказа в зависимости от кол-ва : меньше 100 - Маленький заказ, от 100 до 300 - Средний заказ, больше 300 - Большой заказ



id	Тип заказа
1	Средний заказ
2	Средний заказ
3	Маленький заказ
4	Средний заказ
5	Большой заказ

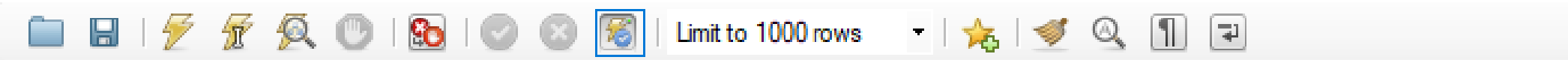
3. Создайте таблицу “orders”, заполните ее значениями

```
26
27  CREATE TABLE orders(
28      id serial primary key,
29      employee_id VARCHAR(4) not null,
30      amount DECIMAL,
31      ordrt_status VARCHAR(20)
32  );
33
34  INSERT INTO orders(employee_id, amount, ordrt_status)
35  VALUES
36  ('e03', 15.00, 'OPEN'),
37  ('e01', 25.50, 'OPEN'),
38  ('e05', 100.70, 'CLOSED'),
39  ('e02', 22.18, 'OPEN'),
40  ('e04', 9.50,  'CANSELLED');
41
42  SELECT * FROM orders;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	employee_id	amount	ordrt_status
1	e03	15	OPEN
2	e01	26	OPEN
3	e05	101	CLOSED
4	e02	22	OPEN
5	e04	10	CANSELLED

Выберите все заказы. В зависимости от поля order_status выведите столбец full_order_status: OPEN – «Order is in open state» ; CLOSED - «Order is closed»; CANCELLED - «Order is cancelled»




```
43
44 •  SELECT id, employee_id, amount, ordrt_status,
45        IF(ordrt_status = 'OPEN', 'Order is in open state',
46            IF(ordrt_status = 'CLOSED', 'Order is closed', 'Order is cancelled')
47            ) AS 'full_ordrt_status'
48    FROM orders;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

id	employee_id	amount	ordrt_status	full_ordrt_status
1	e03	15	OPEN	Order is in open state
2	e01	26	OPEN	Order is in open state
3	e05	101	CLOSED	Order is closed
4	e02	22	OPEN	Order is in open state
5	e04	10	CANSELLED	Order is cancelled