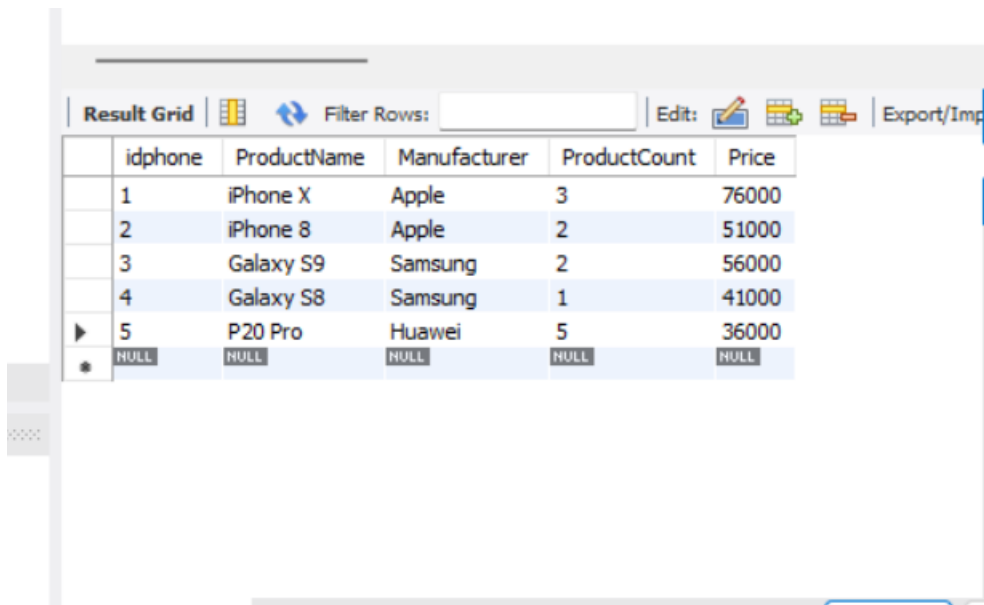


ДЗ к семинару 1 (Базы данных и SQL)

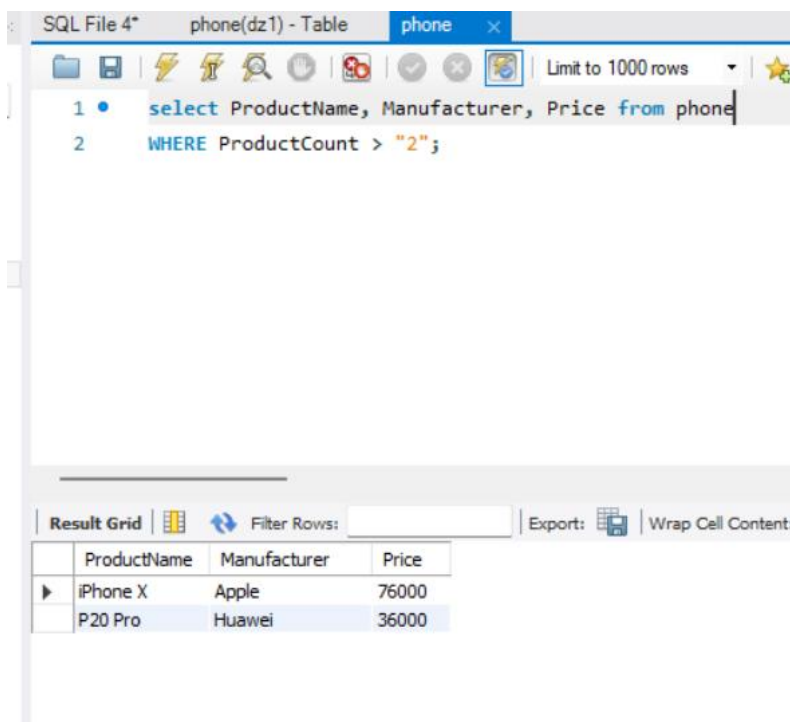
1. Создайте таблицу с мобильными телефонами, используя графический интерфейс. Заполните БД данными. Добавьте скриншот на платформу в качестве ответа на ДЗ

Id	ProductName	Manufacturer	ProductCount	Price
1	iPhone X	Apple	3	76000
2	iPhone 8	Apple	2	51000
3	Galaxy S9	Samsung	2	56000
4	Galaxy S8	Samsung	1	41000
5	P20 Pro	Huawei	5	36000
NULL	NULL	NULL	NULL	NULL



	idphone	ProductName	Manufacturer	ProductCount	Price
	1	iPhone X	Apple	3	76000
	2	iPhone 8	Apple	2	51000
	3	Galaxy S9	Samsung	2	56000
	4	Galaxy S8	Samsung	1	41000
▶	5	P20 Pro	Huawei	5	36000
*	NULL	NULL	NULL	NULL	NULL

2. Выведите название, производителя и цену для товаров, количество которых превышает 2 (SQL - файл, скриншот, либо сам код)



SQL File 4* phone(dz1) - Table phone

```
1 • select ProductName, Manufacturer, Price from phone
2 WHERE ProductCount > "2";
```

	ProductName	Manufacturer	Price
▶	iPhone X	Apple	76000
	P20 Pro	Huawei	36000

3. Выведите весь ассортимент товаров марки “Samsung”

The screenshot shows the SQL Studio interface. The top toolbar includes icons for file operations, execution, and a 'Limit to 1000 rows' dropdown. The SQL editor contains the following query:

```
1 • select * from phone
2 WHERE Manufacturer = "Samsung";
```

The 'Result Grid' tab is active, displaying the results of the query. The table has five columns: idphone, ProductName, Manufacturer, ProductCount, and Price. Two rows are shown, both for Samsung products.

	idphone	ProductName	Manufacturer	ProductCount	Price
▶	3	Galaxy S9	Samsung	2	56000
	4	Galaxy S8	Samsung	1	41000
*	NULL	NULL	NULL	NULL	NULL

4.*** С помощью регулярных выражений найти: 4.1. Товары, в которых есть упоминание "Iphone"

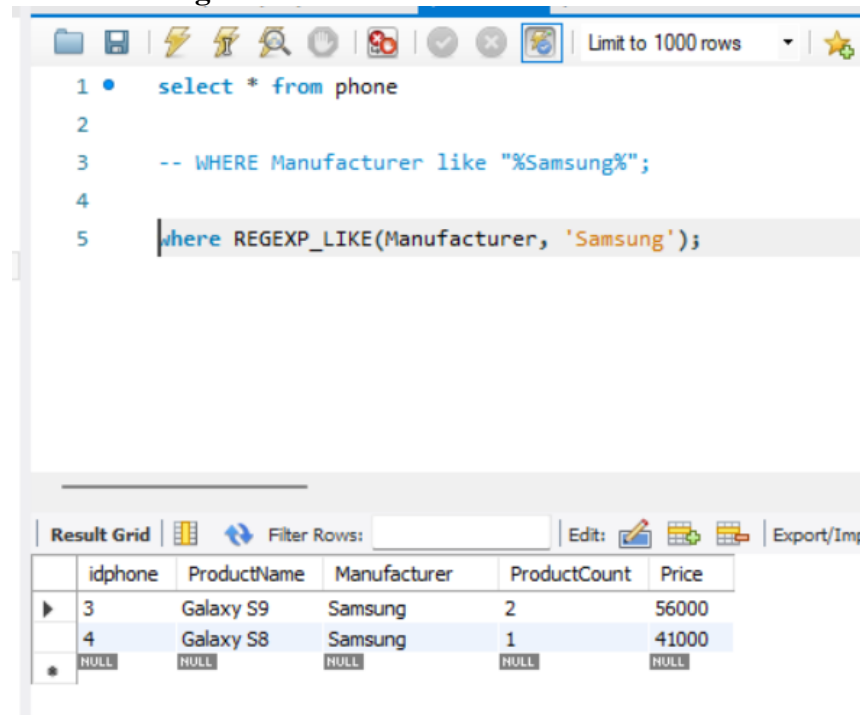
The screenshot shows the SQL Studio interface. The top toolbar includes icons for file operations, execution, and a 'Limit to 1000 rows' dropdown. The SQL editor contains the following query:

```
1 • select * from phone
2 WHERE ProductName like "%Iphone%";
```

The 'Result Grid' tab is active, displaying the results of the query. The table has five columns: idphone, ProductName, Manufacturer, ProductCount, and Price. Two rows are shown, both for Apple products with 'Iphone' in the name.

	idphone	ProductName	Manufacturer	ProductCount	Price
▶	1	iPhone X	Apple	3	76000
	2	iPhone 8	Apple	2	51000
*	NULL	NULL	NULL	NULL	NULL

4.2. "Samsung"

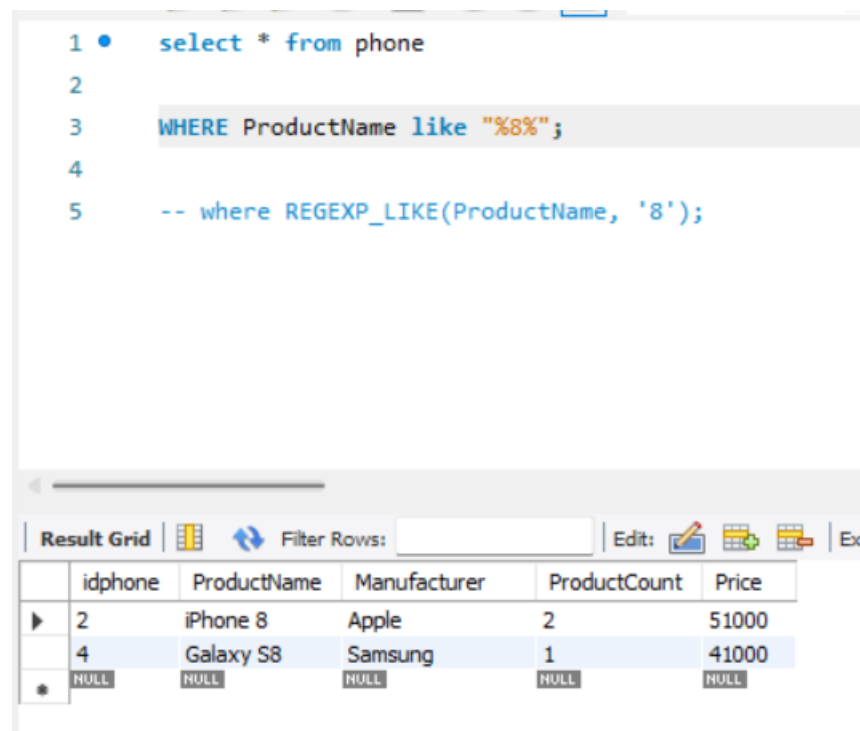


```
1 • select * from phone
2
3 -- WHERE Manufacturer like "%Samsung%";
4
5 where REGEXP_LIKE(Manufacturer, 'Samsung');
```

Result Grid

	idphone	ProductName	Manufacturer	ProductCount	Price
▶	3	Galaxy S9	Samsung	2	56000
	4	Galaxy S8	Samsung	1	41000
*	NULL	NULL	NULL	NULL	NULL

4.3. Товары, в которых есть ЦИФРА "8"



```
1 • select * from phone
2
3 WHERE ProductName like "%8%";
4
5 -- where REGEXP_LIKE(ProductName, '8');
```

Result Grid

	idphone	ProductName	Manufacturer	ProductCount	Price
▶	2	iPhone 8	Apple	2	51000
	4	Galaxy S8	Samsung	1	41000
*	NULL	NULL	NULL	NULL	NULL