

Задание 1

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'mobile_phones' selected. The main editor shows a SQL script to create a database and a table named 'phones'.

```
12 CREATE DATABASE IF NOT EXISTS mobile_phones;
13 USE mobile_phones;
14 CREATE TABLE IF NOT EXISTS phones
15 (
16     id int PRIMARY KEY auto_increment,
17     ProductName VARCHAR (45),
18     Manufacturer VARCHAR (45),
19     ProductCount int,
20     Price int
21 );
22 INSERT phones (ProductName, Manufacturer, ProductCount, price)
23 VALUES
24 ('iPhone X', 'Apple', 3, 76000),
25 ('iPhone 8', 'Apple', 2, 51000),
26 ('Galaxy S9', 'Samsung', 2, 56000),
27 ('Galaxy S8', 'Samsung', 1, 41000),
28 ('P20 Pro', 'Huawei', 5, 36000);
```

The output window shows the execution of the first two statements:

#	Time	Action	Message	Duration / Fetch
1	11:17:22	CREATE DATABASE IF NOT EXISTS mobile_phones	1 row(s) affected. 1 warning(s): 1007 Can't create database 'mobile_phones'...	0.016 sec
2	11:17:22	USE mobile_phones	0 row(s) affected.	0.000 sec

Задание 2

The screenshot shows the MySQL Workbench interface. The main editor shows a SQL script to create a table and insert data.

```
26 ('Galaxy S9', 'Samsung', 2, 56000),
27 ('Galaxy S8', 'Samsung', 1, 41000),
28 ('P20 Pro', 'Huawei', 5, 36000);
29 SELECT * FROM phones;
30 SELECT ProductName, Manufacturer, Price FROM phones WHERE ProductCount > 2;
```

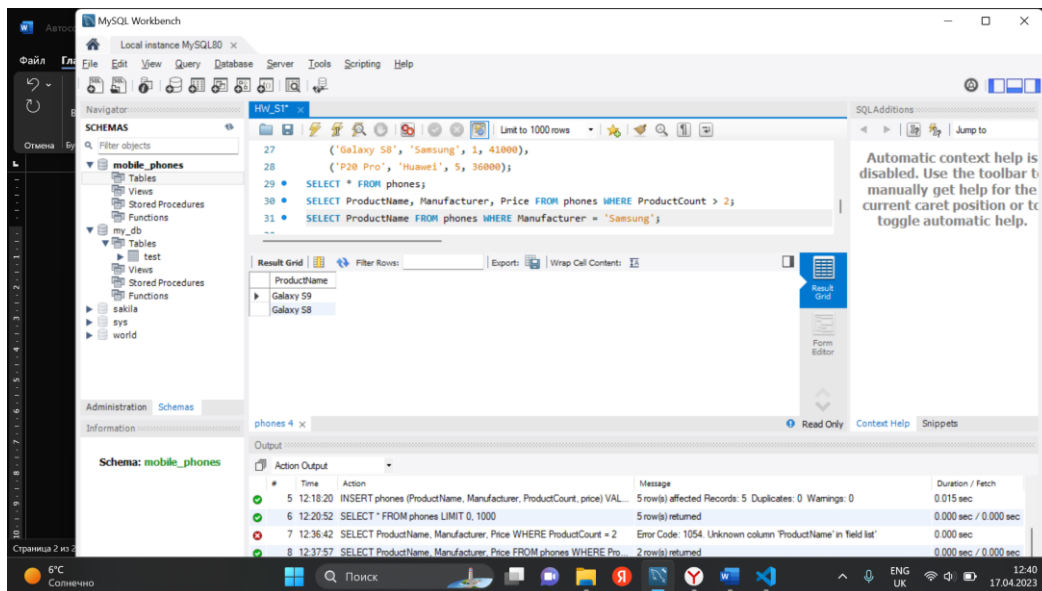
The output window shows the execution of the first three statements:

#	Time	Action	Message	Duration / Fetch
4	12:03:38	CREATE TABLE IF NOT EXISTS phones (id int PRIMARY KEY auto_in...	0 row(s) affected	0.047 sec
5	12:18:20	INSERT phones (ProductName, Manufacturer, ProductCount, price) VAL...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.015 sec
6	12:20:52	SELECT * FROM phones LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

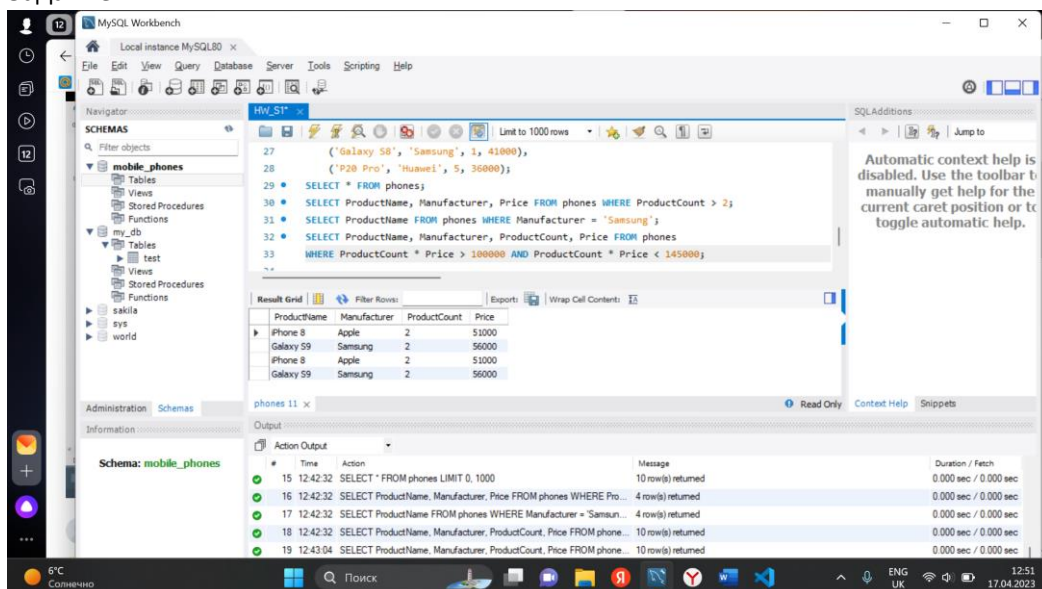
The 'Result Grid' shows the results of the third query:

ProductName	Manufacturer	Price
iPhone X	Apple	76000
P20 Pro	Huawei	36000

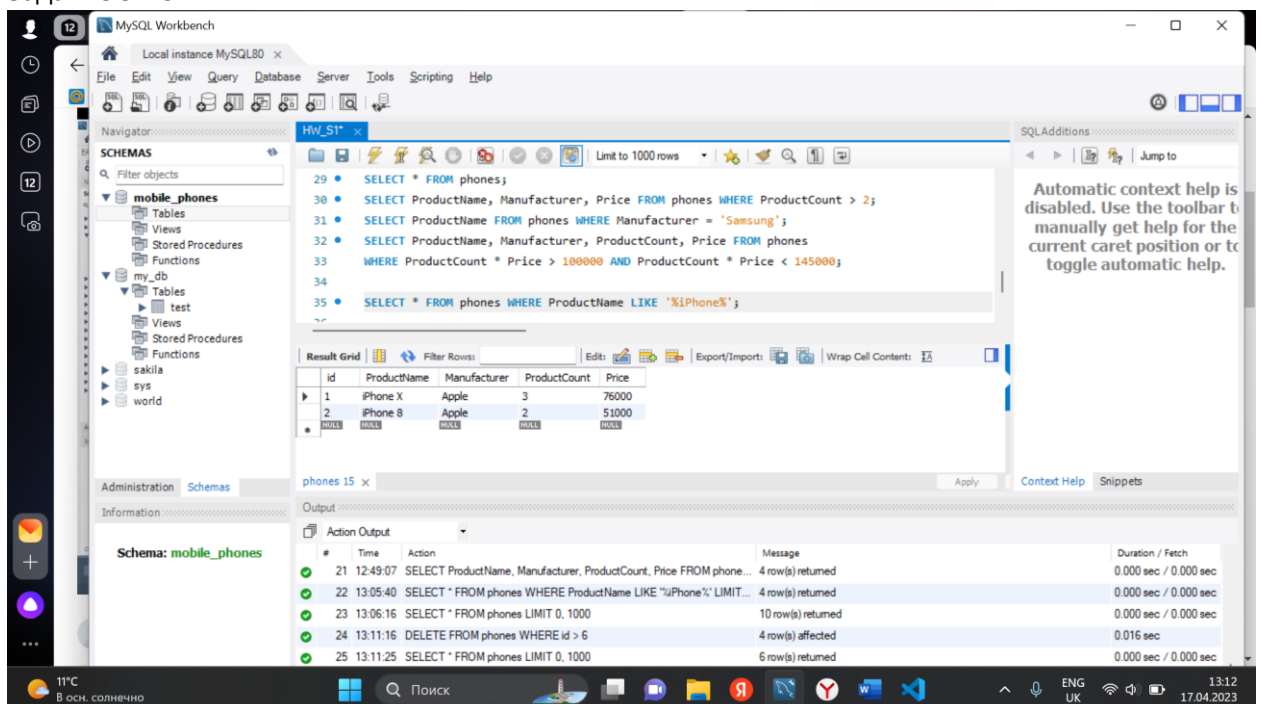
Задание 3



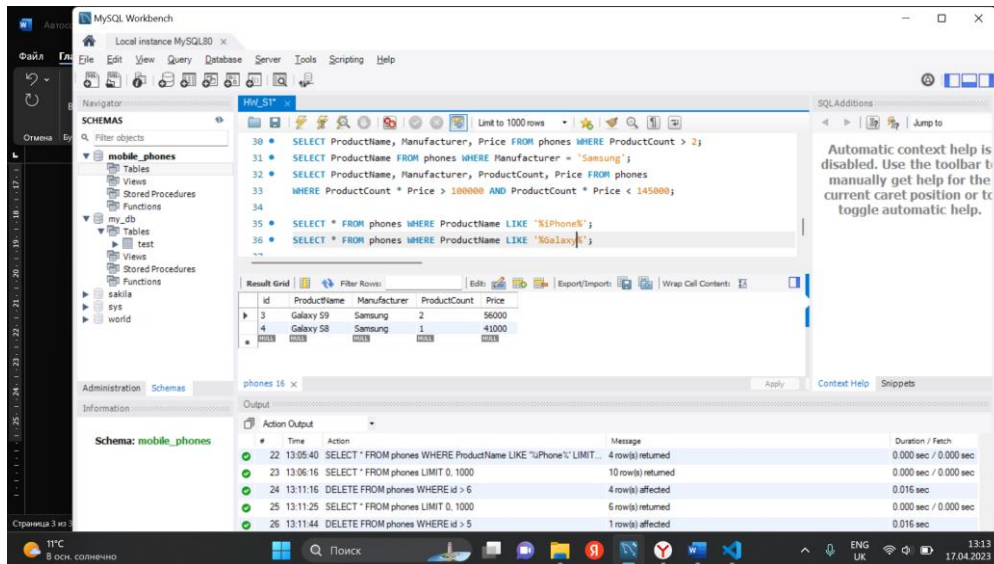
Задание 4



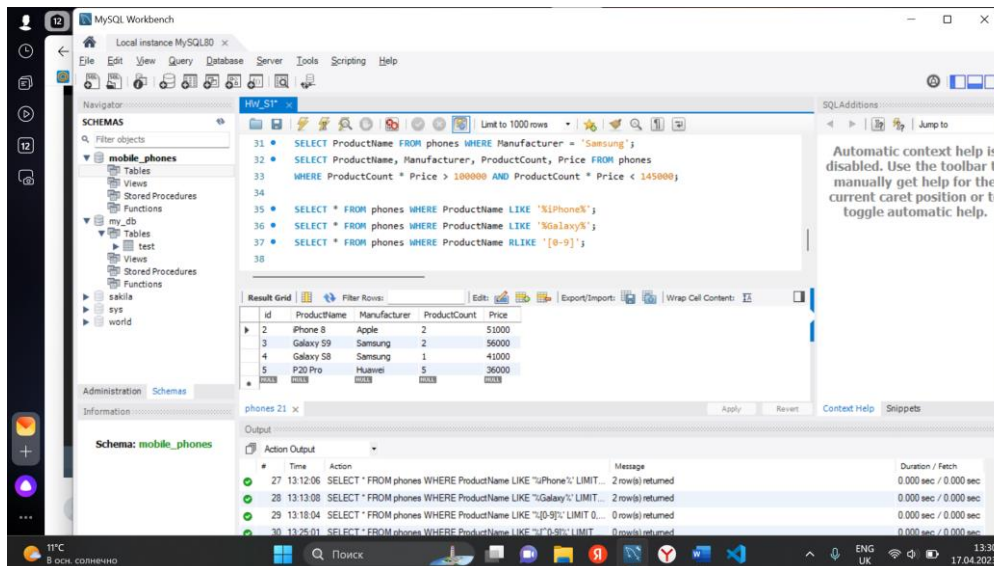
Задание 5. 5.1



5.2



5.3



5.4

