

- 3 простейших запроса с использованием операторов сравнения;

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the Schemas tree with various database objects like Foreign Keys, Triggers, ProductGroups, Columns, Indexes, and Tables. The main query editor displays three SQL queries:

```
1
2 • SELECT * FROM Sellers WHERE idSeller = 1;
3
4
5 • SELECT * FROM Sellers WHERE Department_id > 2;
6
7
8 • SELECT * FROM Sellers WHERE idSeller < 10;
```

The bottom panel shows the results of the queries in a grid format. The first query returns one row with idSeller 1 and Surname Иванов. The second and third queries return empty result sets.

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1

The bottom status bar indicates "Query Completed".

MySQL Workbench

Warning - not supported

File Server Tools Scripting Help

Query 4

Limit to 1000 rows

SCHEMAS

Filter objects

Foreign Keys

Triggers

ProductGroups

Columns

Indexes

Foreign Keys

Triggers

Products

Columns

Indexes

Foreign Keys

Triggers

Purchases

Columns

Indexes

Foreign Keys

Triggers

Sellers

Columns

idSeller

Surname

FirstName

Department_id

Indexes

Foreign Keys

Triggers

Students

Views

View_BuyersByDep

Stored Procedures

Functions

sys

1

2 • SELECT * FROM Sellers WHERE idSeller = 1;

3

4

5 • SELECT * FROM Sellers WHERE Department_id > 2;

6

7

8 • SELECT * FROM Sellers WHERE idSeller < 10;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content

#	idSeller	Surname	FirstName	Department_id
1	8	Сидоров	Николай	3
2	10	Алекс...	Алексей	3
3	12	Васил...	Игорь	4
4	15	Кузнецов	Максим	5
5	20	Павлов	Дмитрий	5
*	NULL	NULL	NULL	NULL

Sellers 22 Sellers 23 Sellers 24

Query Completed

MySQL Workbench

Warning - not supported

File Server Tools Scripting Help

Schemas

SCHEMAS

Filter objects

- > Foreign Keys
- > Triggers
- > ProductGroups
 - > Columns
 - > Indexes
 - > Foreign Keys
 - > Triggers
- > Products
 - > Columns
 - > Indexes
 - > Foreign Keys
 - > Triggers
- > Purchases
 - > Columns
 - > Indexes
 - > Foreign Keys
 - > Triggers
- > Sellers
 - > Columns
 - idSeller
 - Surname
 - FirstName
 - Department_id
 - > Indexes
 - > Foreign Keys
 - > Triggers
- > Students
- > Views
 - > View_BuyersByDep
- > Stored Procedures
- > Functions

sys

Query 4

Limit to 1000 rows

```
1
2 • SELECT * FROM Sellers WHERE idSeller = 1;
3
4
5 • SELECT * FROM Sellers WHERE Department_id > 2;
6
7
8 • SELECT * FROM Sellers WHERE idSeller < 10;
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	5	Петров	Сергей	2
5	6	Петрова	Елена	2
6	8	Сидоров	Николай	3
*	NULL	NULL	NULL	NULL

Sellers 22 Sellers 23 Sellers 24

Query Completed

- 3 запроса с использованием логических операторов AND, OR и NOT;

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Schemas

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE Department_id = 1 AND Surname = 'Иванов';
3
4
5 SELECT * FROM Sellers WHERE Department_id = 1 OR Department_id = 5;
6
7
8 SELECT * FROM Sellers WHERE NOT Department_id = 3;
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
*	NULL	NULL	NULL	NULL

Sellers 33

Query Completed

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Schemas

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE Department_id = 1 AND Surname = 'Иванов';
3
4
5 SELECT * FROM Sellers WHERE Department_id = 1 OR Department_id = 5;
6
7
8 SELECT * FROM Sellers WHERE NOT Department_id = 3;
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	15	Кузнецов	Максим	5
5	20	Павлов	Дмитрий	5
*	NULL	NULL	NULL	NULL

Sellers 34

Query Completed

MySQL Workbench

Warning - not supported

File Server Tools Scripting Help

Schemas

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE Department_id = 1 AND Surname = 'Иванов';
3
4
5 SELECT * FROM Sellers WHERE Department_id = 1 OR Department_id = 5;
6
7
8 SELECT * FROM Sellers WHERE NOT Department_id = 3;
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	5	Петров	Сергей	2
5	6	Петрова	Елена	2
6	12	Васил...	Игорь	4
7	15	Кузнецов	Максим	5
8	20	Павлов	Дмитрий	5
*	NULL	NULL	NULL	NULL

Sellers 35

Query Completed

- 1 запрос на использование комбинации логических операторов;

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE (Department_id = 1 OR Department_id = 2) AND Surname = 'Петров';
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

#	idSeller	Surname	FirstName	Department_id
1	5	Петров	Сергей	2
	NULL	NULL	NULL	NULL

Sellers 36

Apply Revert

Query Completed

Result Grid Form Editor Field Types Query Stats

- 1 запрос на использование выражений над столбцами;

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2 SELECT idSeller, CONCAT(FirstName, ' ', Surname) AS FullName FROM Sellers;
```

Result Grid

#	idSeller	FullName
1	1	Алешенька Иванов
2	2	Андрей Абрамов
3	3	Антон Антонов
4	5	Сергей Петров
5	6	Елена Петрова
6	8	Николай Сидоров
7	10	Алексей Александров
8	12	Игорь Васильев
9	15	Максим Кузнецов
10	20	Дмитрий Павлов
11	25	Виктор Орлов

Result 37

Query Completed

Read Only

- 2 запроса с проверкой на принадлежность множеству;

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE Department_id IN (1, 3, 7);
3
4 • SELECT * FROM Sellers WHERE Surname IN ('Иванов', 'Петров', 'Сидоров');
```

Result Grid

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	8	Сидоров	Николай	3
5	10	Алекс...	Алексей	3
*				

Sellers 38

Query Completed

Apply Revert

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2 SELECT * FROM Sellers WHERE Department_id IN (1, 3, 7);
3
4 SELECT * FROM Sellers WHERE Surname IN ('Иванов', 'Петров', 'Сидоров');
```

Result Grid

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	5	Петров	Сергей	2
3	8	Сидоров	Николай	3
4	NULL	NULL	NULL	NULL

Sellers 39

Query Completed

Apply Revert

- 2 запроса с проверкой на принадлежность диапазону значений;

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2
3 • SELECT * FROM Sellers WHERE idSeller BETWEEN 5 AND 15;
4
5
6 • SELECT * FROM Sellers WHERE Department_id BETWEEN 1 AND 3;
```

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

#	idSeller	Surname	FirstName	Department_id
1	5	Петров	Сергей	2
2	6	Петрова	Елена	2
3	8	Сидоров	Николай	3
4	10	Алекс...	Алексей	3
5	12	Васил...	Игорь	4
6	15	Кузнецов	Максим	5
*	NULL	NULL	NULL	NULL

Result Grid
Form Editor
Field Types
Query Stats

Sellers 40

Apply Revert

Query Completed

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

```
1
2
3 • SELECT * FROM Sellers WHERE idSeller BETWEEN 5 AND 15;
4
5
6 • SELECT * FROM Sellers WHERE Department_id BETWEEN 1 AND 3;
```

Result Grid

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	5	Петров	Сергей	2
5	6	Петрова	Елена	2
6	8	Сидоров	Николай	3
7	10	Алекс...	Алексей	3
*				

Sellers 41

Query Completed

- 2 запроса с проверкой на соответствие шаблону;

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

1

2

3 • `SELECT * FROM Sellers WHERE Surname LIKE 'A%';`

4

5

6 • `SELECT * FROM Sellers WHERE Surname LIKE '%08%';`

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

#	idSeller	Surname	FirstName	Department_id
1	2	Абрамов	Андрей	1
2	3	Антонов	Антон	1
3	10	Алекс...	Алексей	3
•	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Sellers 42

Apply Revert

Query Completed

MySQL Workbench

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

Limit to 1000 rows

1

2

3 • SELECT * FROM Sellers WHERE Surname LIKE 'A%';

4

5

6 • SELECT * FROM Sellers WHERE Surname LIKE '%08%';

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алеше...	1
2	2	Абрамов	Андрей	1
3	3	Антонов	Антон	1
4	5	Петров	Сергей	2
5	6	Петрова	Елена	2
6	8	Сидоров	Николай	3
7	10	Алекс...	Алексей	3
8	15	Кузнецов	Максим	5
9	20	Павлов	Дмитрий	5
10	25	Орлов	Виктор	HULL
*	HULL	HULL	HULL	HULL

Result Grid

Form Editor

Field Types

Query Stats

Sellers 43

Apply Revert

Query Completed

- 1 запрос с проверкой на неопределенное значение.

The screenshot displays the MySQL Workbench interface. At the top, the title bar reads "MySQL Workbench". Below it, a tab indicates "Local instance 3306 - Warning - not supported". The menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The toolbar contains various icons for file operations, execution, and navigation. The "Query 4" tab is active, showing a SQL query in the editor:

```
1  
2 • SELECT * FROM Sellers WHERE Department_id IS NULL;
```

Below the query editor, the "Result Grid" is visible, showing the results of the query. The columns are labeled #, idSeller, Surname, FirstName, and Department_id. The first row shows a seller with id 25, Surname "Орлов", and FirstName "Виктор", with Department_id NULL. The second row shows a seller with id 1, Surname "Иванов", and FirstName "Иван", also with Department_id NULL.

#	idSeller	Surname	FirstName	Department_id
1	25	Орлов	Виктор	NULL
2	1	Иванов	Иван	NULL

At the bottom of the interface, the status bar shows "Sellers 44" and "Query Completed". The right sidebar contains icons for Result Grid, Form Editor, Field Types, and Query Stats.