

1 запрос для создания временной таблицы через переменную типа TABLE

The screenshot shows a MySQL Workbench interface with a single query window titled "Query 1". The query itself is:

```
1 CREATE TEMPORARY TABLE Temp_CheapProducts (
2     product_name VARCHAR(255),
3     product_price DECIMAL(10, 2)
4 );
```

The interface includes standard MySQL Workbench toolbars and a results grid at the bottom.

- 1 запрос с использованием условной конструкции |

The screenshot shows a MySQL Workbench interface with a query editor titled "Query 1". The query is:

```
1 • DROP TEMPORARY TABLE IF EXISTS Temp_CheapProducts;
```

The interface includes a schema browser on the left showing a database structure with tables like Buyers, Departments, ProductGroups, Products, Purchases, Sellers, and Students under the "Shop" schema. The "Object Info" tab is selected at the bottom.

Query Completed

- 1 запрос с использованием цикла WHILE;;

```
DELIMITER //
CREATE PROCEDURE SimpleWhile()
BEGIN
    DECLARE i INT DEFAULT 1;
    WHILE i <= 3 DO
        SELECT i AS 'Число';
        SET i = i + 1;
    END WHILE;
END //
DELIMITER ;
CALL Simplewhile();
DROP PROCEDURE SimpleWhile;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

#	Число
1	3

Query Completed

- 1 запрос для создания скалярной функции;

```
DELIMITER //
CREATE FUNCTION GetPriceWithTax(product_id INT)
RETURNS DECIMAL(10,2)
DETERMINISTIC
BEGIN
    DECLARE final_price DECIMAL(10,2);
    -- 10% налога
    SELECT Price * 1.10 INTO final_price
    FROM Products
    WHERE idProduct = product_id;
    RETURN final_price;
END //
DELIMITER ;
```

Query interrupted

- 1 запрос для создания процедуры без параметров ;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema with a table named 'Sellers'. The main area contains a query editor with the following SQL code:

```
1 DELIMITER //
2
3 • CREATE PROCEDURE ShowAllSellers()
4 BEGIN
5     SELECT * FROM Sellers;
6 END //
7
8
9 DELIMITER ;
10 • CALL ShowAllSellers();
```

Below the query editor, the results pane shows a single row of data from the 'Sellers' table:

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Иван	1

At the bottom right of the results pane, there is a 'Read Only' button.

- 1 запрос для создания процедуры с входным параметром;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema with a table named 'Sellers'. The main area contains a query editor with the following SQL code:

```
1 DELIMITER //
2
3 • CREATE PROCEDURE SearchSellersByLetter(IN first_letter VARCHAR(1))
4 BEGIN
5     SELECT * FROM Sellers
6     WHERE Surname LIKE CONCAT(first_letter, '%');
7 END //
8
9 DELIMITER ;
10
11 • CALL SearchSellersByLetter('И');
```

Below the query editor, the results pane shows a single row of data from the 'Sellers' table:

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Иван	1

At the bottom right of the results pane, there is a 'Read Only' button.

- 1 запрос для создания процедуры с входными параметрами и RETURN;

The screenshot shows the MySQL Workbench interface with a query editor titled "Query 4". The code is as follows:

```
1 DELIMITER //
2
3
4 • CREATE PROCEDURE GetSellersCount(OUT result_val INT)
5 BEGIN
6     SELECT COUNT(*) INTO result_val FROM Sellers;
7 END //
8
9
10 DELIMITER ;
11
12
13 • CALL GetSellersCount(@total);
14 • SELECT @total AS 'Результат RETURN';
```

The results grid shows a single row with the value "1" under the heading "# Результат RETURN".

- 1 запрос для создания процедуры обновления данных в таблице базы данных UPDATE;

The screenshot shows the MySQL Workbench interface with a query editor titled "Query 4". The code is as follows:

```
1 DELIMITER //
2
3
4 • CREATE PROCEDURE UpdateSellerFirstName(IN s_id INT, IN new_name VARCHAR(50))
5 BEGIN
6     UPDATE Sellers
7     SET FirstName = new_name
8     WHERE idSeller = s_id;
9 END //
10
11 DELIMITER ;
12
13
14 • CALL UpdateSellerFirstName(1, 'Алешенька');
15 • SELECT * FROM Sellers;
16
17
18
19
20
21
22 • DROP PROCEDURE IF EXISTS UpdateSellerFirstName;
```

The results grid shows a table with one row:

#	idSeller	Surname	FirstName	Department_id
1	1	Иванов	Алешенька	1

1 запрос для создания процедуры извлечения данных из таблиц базы данных SELECT;

The screenshot shows the MySQL Workbench interface with a query editor titled "Query 4". The code in the editor is:

```
1  DELIMITER //
2
3  • CREATE PROCEDURE GetAllSellers()
4  BEGIN
5
6      SELECT * FROM Sellers;
7  END //
8
9  DELIMITER ;
10
11 • CALL GetAllSellers();
```

The "Object Info" tab is selected, showing the table "Sellers" with the following columns:

- idSeller int AI PK
- Surname varchar(50)
- FirstName varchar(50)
- Department_id int

The "Result Grid" tab displays the result of the query:

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

At the bottom, it says "Query Completed".