

задача 1

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

```
1 • SET autocommit = 0;
2 • UPDATE Sellers SET Surname = 'Test_Transaction' WHERE idSeller = 1;
3
4
5 • SELECT * FROM Sellers WHERE idSeller = 1;
6
7
8 • COMMIT;
9
10
11 • SELECT @@autocommit;
12
13
14 • SET autocommit = 1;
15
16 • SELECT @@autocommit;
```

Result 8

#	@@autocommit
1	1

Query Completed

задача 2

Local Instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Query 4

```
1 START TRANSACTION;
2
3
4 UPDATE Sellers SET Surname = 'Первый_Этап' WHERE idSeller = 1;
5
6
7 SAVEPOINT Stage1;
8
9
10 UPDATE Sellers SET FirstName = 'Второй_Этап' WHERE idSeller = 1;
11
12
13
14 SAVEPOINT Stage2;
15
16
17 • UPDATE Sellers SET Surname = 'ОИМКА' WHERE idSeller = 1;
18
19
20 • ROLLBACK TO SAVEPOINT Stage1;
21
22
23
24 • COMMIT;
25
26
27 • SELECT * FROM Sellers WHERE idSeller = 1;
```

Result Grid

#	idSeller	Surname	FirstName	Department_id
1	1	Первый_Этап	Второй_Этап	1

Sellers 12

Query Completed

задача 3

Local instance 3306-Warning-not-supported

```

1 • CREATE TEMPORARY TABLE aaa (cola INT);
2 • START TRANSACTION;
3 • INSERT INTO aaa VALUES (111);
4 • SAVEPOINT level1;
5 • ... 1-й уровень.
6 • ... 2-й уровень.
7 • ... 3-й уровень.
8 • SELECT * FROM aaa;
9 • SELECT 'уровень вложенности (SAVEPOINT)' AS Info, '3' AS Level;
10 • ROLLBACK;
11 • ... Проверим результат (таблица должна быть пустой)
12 • SELECT * FROM aaa AS 'Данные после ROLLBACK (0-й уровень)';
13 • SELECT 'уровень вложенности AS Info, '0' AS Level;
14 •
15 •
16 •
17 •
18 •
19 •
20 •
21 •
22 •
23 •
24 •
25 •
26 •
27 •
28 •
29 •
30 •
31 •
32 •
33 •
34 •
35 •
36 •
37 •
38 •
39 •
40 •
41 •
42 •
43 •
44 •
45 •

```

Result Set Export Filter Rows Level Wrap Cell Content Result Grid Form Editor Read Only

Info Level

Уровень вложенности (SAVEPOINT) 3

Result 16

Query Completed

задача 4

Local instance 3306-Warning-not-supported

```

9
10
11
12
13
14 • START TRANSACTION;
15
16 • INSERT INTO Sellers (Surname, FirstName, Department_id) VALUES ('Explicit', 'User', 1);
17
18
19 • COMMIT;
20
21
22 • START TRANSACTION;
23
24 • UPDATE Sellers SET FirstName = 'Changed' WHERE Surname = 'Explicit';
25
26
27 • ROLLBACK;
28
29
30 • SELECT * FROM Sellers WHERE Surname = 'Explicit';
31
32
33
34
35
36 • SET autocommit = 0;
37
38
39 • INSERT INTO Sellers (Surname, FirstName, Department_id) VALUES ('Implicit', 'User', 1);
40
41
42 • COMMIT;
43
44
45 • SET autocommit = 1;

```

Query Completed

задача 5

Local instance 3306-Warning-not supported

```

1 • START TRANSACTION;
2
3
4     INSERT INTO Sellers (Surname, FirstName, Department_id)
5         VALUES ('Ivanov', 'Petr', 1);
6
7
8     SAVEPOINT after_seller_insert;
9
10
11 • UPDATE Departments SET Name = 'New Marketing' WHERE idDepartment = 999;
12
13 • ROLLBACK TO SAVEPOINT after_seller_insert;
14
15
16     COMMIT;
17
18
19     SELECT * FROM Sellers WHERE Surname = 'Ivanov';

```

Results

#	idSeller	Surname	FirstName	Department_id
1	1	Ivanov	Petr	1

Sellers 39

Query Completed

задача 6

Local instance 3306-Warning-not supported

```

1 • SHOW VARIABLES LIKE '%innodb%logs';
2 • SHOW ENGINE INNODB STATUS;

```

Results

#	Variable_name	Value
6	innodb_log_group_home_dir	/
7	innodb_log_spin_cpu_abs_lwm	80
8	innodb_log_spin_cpu_pct_hwm	50
9	innodb_log_wait_for_flush_spin_hwm	400
10	innodb_log_write_ahead_size	8192
11	innodb_log_writer_threads	ON

Result 46

Query Completed

задача 7

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

SCHEMAS

Shop

Tables

Buyers Departments ProductGroups Products Purchases Sellers Students

Views

View_BuyersByDepa

Stored Procedures

DYNTAB GetAllSellers Parse Proc_Calculator Functions

sys

Query 4

```

1 SHOW VARIABLES LIKE 'innodb_adaptive_flushing';
2
3
4
5 SET GLOBAL innodb_adaptive_flushing = 0; -- Отключаем адаптивный режим
6
7
8 SET GLOBAL innodb_adaptive_flushing_lwm = 15.0; -- Устанавливаем порог в 15%
9
10 -- Проверка изменений
11 SHOW VARIABLES LIKE 'innodb_adaptive_flushing';

```

Result Grid Filter Rows Export: Wrap Cell Content:

#	Variable_name	Value
1	innodb_adaptive_flushing	OFF
2	innodb_adaptive_flushing_lwm	10

Result 48

Query Completed

задача 8

Local instance 3306 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

SCHEMAS

Shop

Tables

Buyers Departments ProductGroups Products Purchases Sellers Students

Views

View_BuyersByDepa

Stored Procedures

DYNTAB GetAllSellers Parse Proc_Calculator Functions

sys

Query 4

```

1 START TRANSACTION;
2
3
4 INSERT INTO Sellers (Surname, FirstName, Department_id)
5 VALUES ('Транзакциин', 'Иван', 1);
6
7 SAVEPOINT sp1;
8
9 UPDATE Sellers SET FirstName = 'Алексей' WHERE Surname = 'Транзакциин';
10
11 SAVEPOINT sp2;
12
13 DELETE FROM Sellers WHERE idSeller > 0;
14
15 ROLLBACK TO SAVEPOINT sp2;
16
17 ROLLBACK TO SAVEPOINT sp1;
18
19 COMMIT;
20
21 SELECT * FROM Sellers WHERE Surname = 'Транзакциин';
22
23
24
25

```

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

#	IdSeller	Surname	FirstName	Department_id
1	HILL	HILL	HILL	HILL

Sellers 57

Query Completed