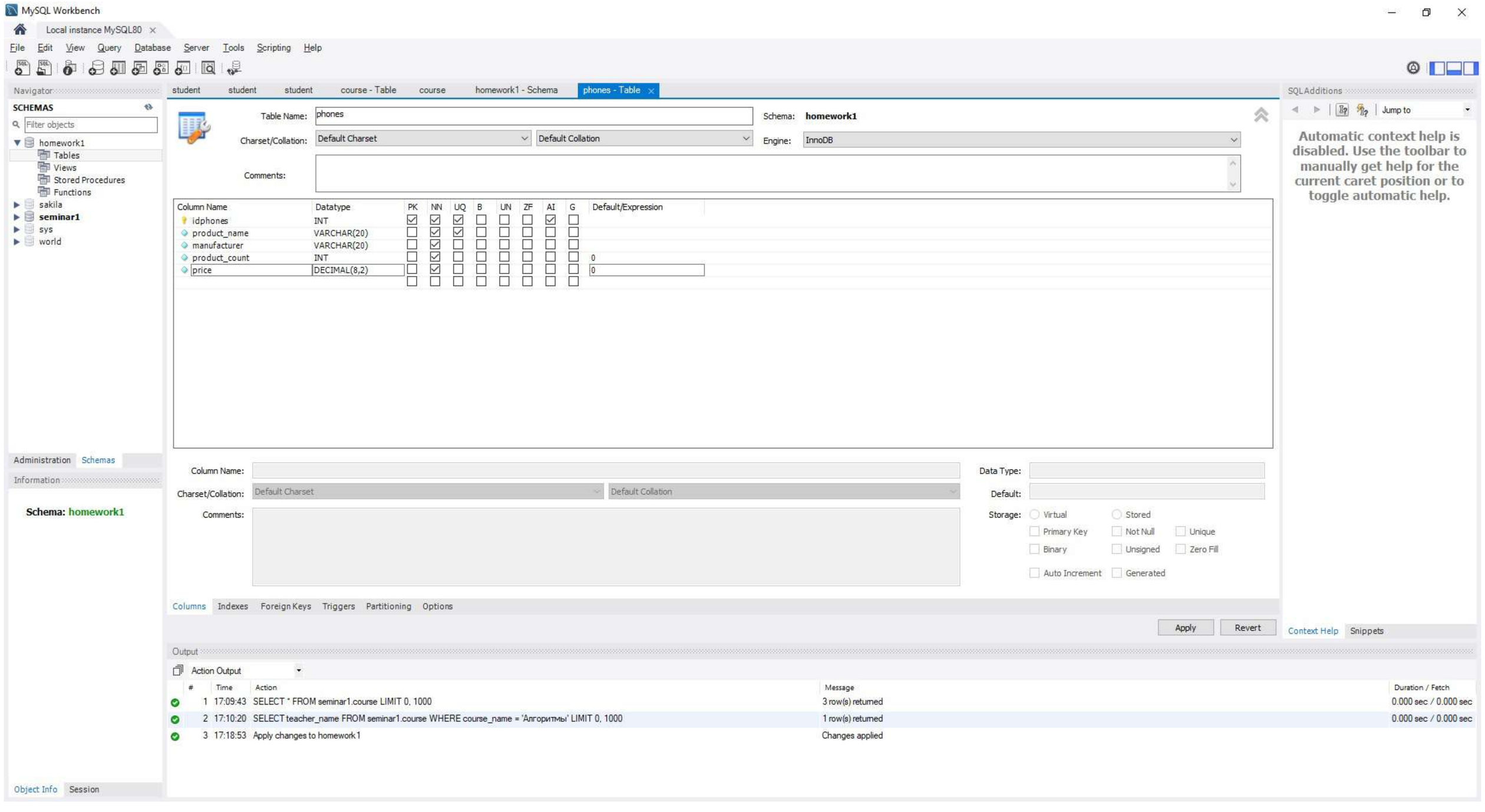

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
homework1
Tables
Views
Stored Procedures
Functions
sakila
seminar1
sys
world
Administration Schemas
Information
Schema: homework1
Object Info Session
student student student course - Table course homework1 - Schema phones - Table
Table Name: phones
Schema: homework1
Charset/Collation: Default Charset Default Collation
Engine: InnoDB
Comments:
Column Name Datatype PK NN UQ B UN ZF AI G Default/Expression
idphones INT
product_name VARCHAR(20)
manufacturer VARCHAR(20)
product_count INT 0
price DECIMAL(8,2) 0
Column Name:
Charset/Collation: Default Charset Default Collation
Comments:
Data Type:
Default:
Storage: Virtual Stored
Primary Key Not Null Unique
Binary Unsigned Zero Fill
Auto Increment Generated
Columns Indexes Foreign Keys Triggers Partitioning Options
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 17:09:43 SELECT * FROM seminar1.course LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
2 17:10:20 SELECT teacher_name FROM seminar1.course WHERE course_name = 'Алгоритмы' LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
3 17:18:53 Apply changes to homework1 Changes applied

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

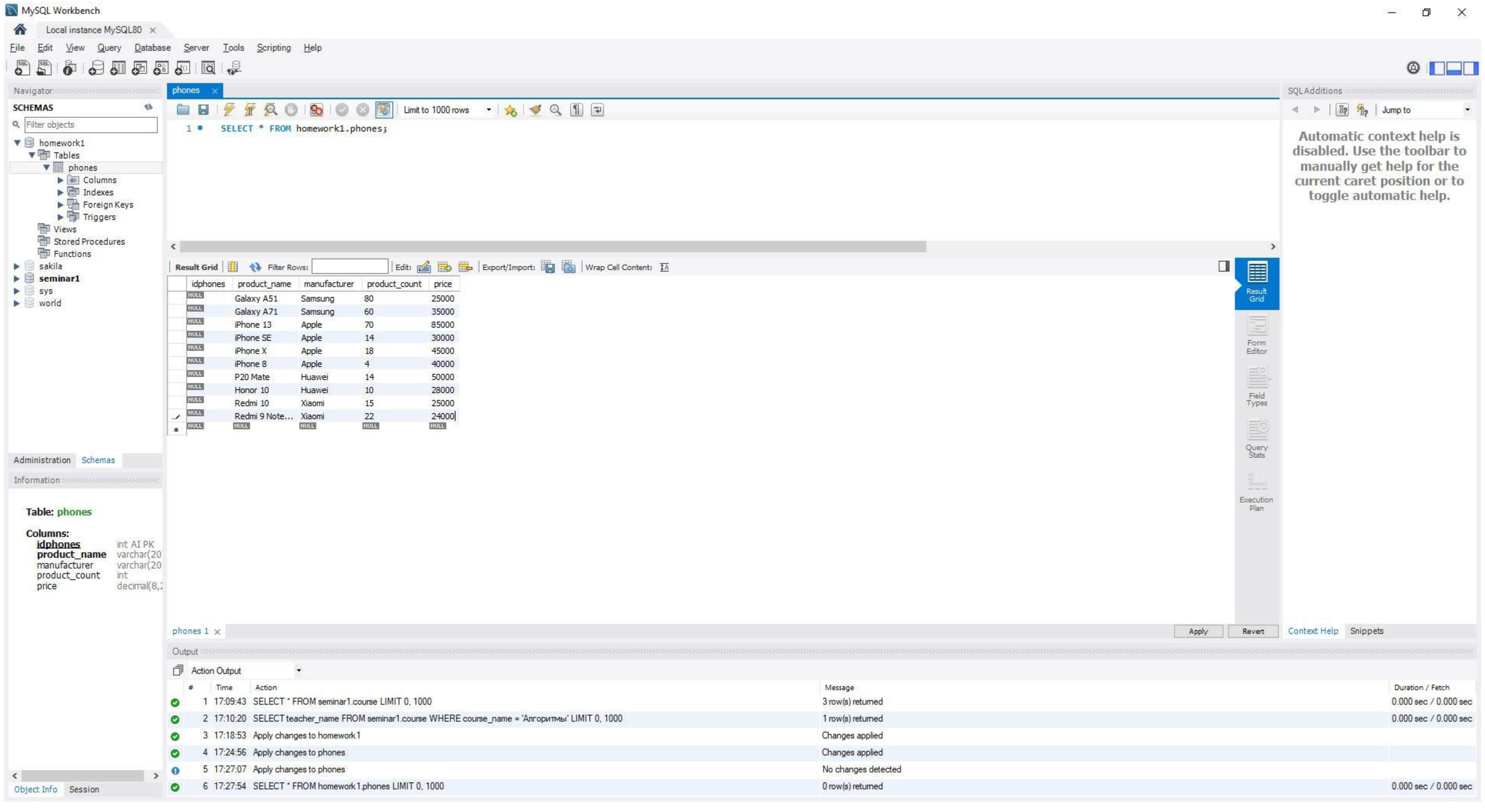
Online DDL

Algorithm: Default

Lock Type: Default

```
1  CREATE TABLE `homework1`.`phones` (
2    `idphones` INT NOT NULL AUTO_INCREMENT,
3    `product_name` VARCHAR(20) NOT NULL,
4    `manufacturer` VARCHAR(20) NOT NULL,
5    `product_count` INT NOT NULL DEFAULT 0,
6    `price` DECIMAL(8,2) NOT NULL DEFAULT 0,
7    PRIMARY KEY (`idphones`),
8    UNIQUE INDEX `idphones_UNIQUE` (`idphones` ASC) VISIBLE,
9    UNIQUE INDEX `product_name_UNIQUE` (`product_name` ASC) VISIBLE);
10
```

Back | Apply | Cancel


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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phones
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Stored Procedures
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sakila
seminar1
sys
world
Administration Schemas
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 • SELECT * FROM homework1.phones;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
NULL Galaxy A51 Samsung 80 25000
NULL Galaxy A71 Samsung 60 35000
NULL iPhone 13 Apple 70 85000
NULL iPhone SE Apple 14 30000
NULL iPhone X Apple 18 45000
NULL iPhone 8 Apple 4 40000
NULL P20 Mate Huawei 14 50000
NULL Honor 10 Huawei 10 28000
NULL Redmi 10 Xiaomi 15 25000
NULL Redmi 9 Note... Xiaomi 22 24000
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 1
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 17:09:43 SELECT * FROM seminar1.course LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
2 17:10:20 SELECT teacher_name FROM seminar1.course WHERE course_name = 'Алгоритмы' LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
3 17:18:53 Apply changes to homework1 Changes applied
4 17:24:56 Apply changes to phones Changes applied
5 17:27:07 Apply changes to phones No changes detected
6 17:27:54 SELECT * FROM homework1.phones LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

Apply SQL Script to Database

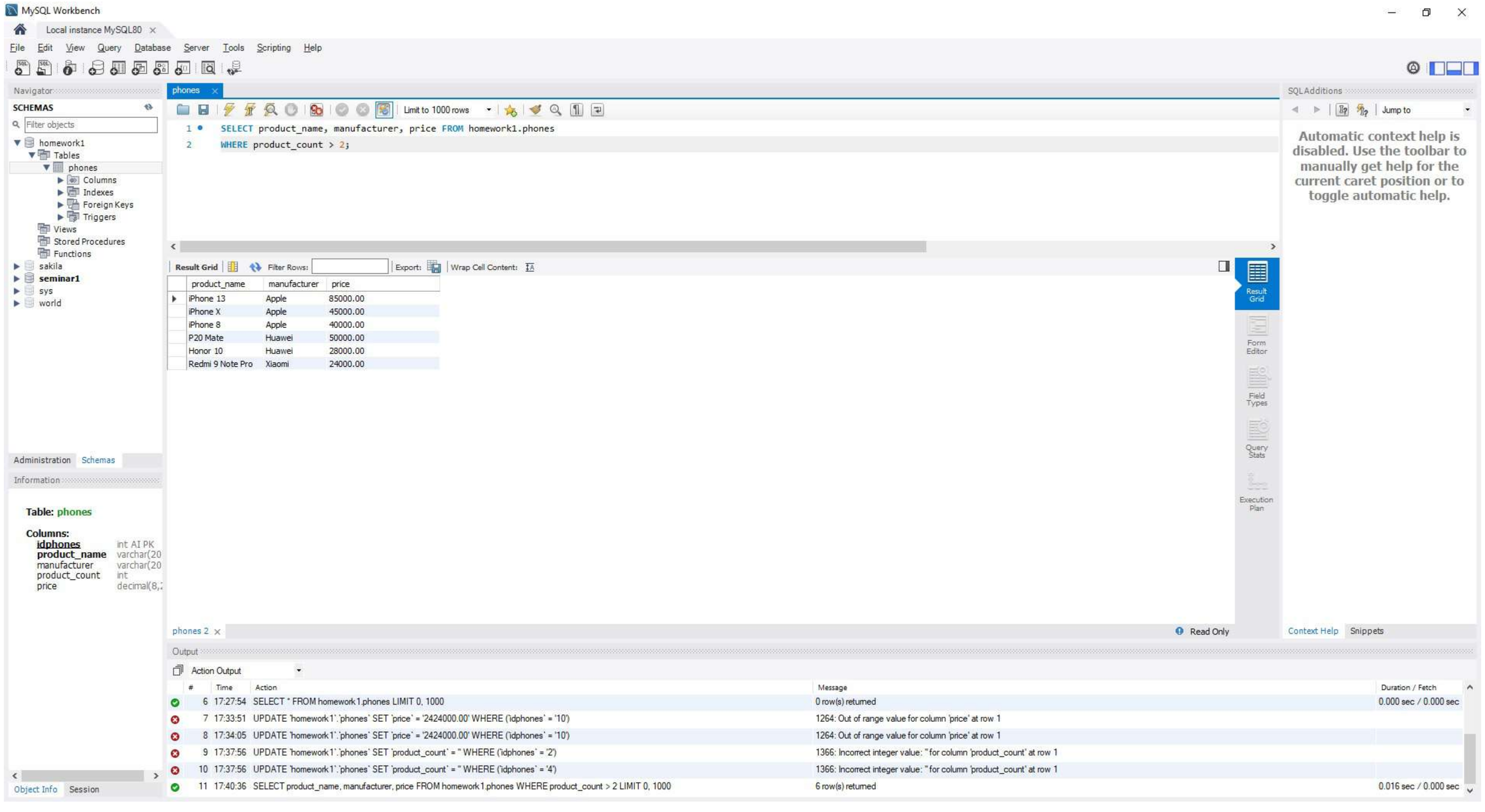
Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

```
1   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
2   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
3   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
4   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
5   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
6   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
7   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
8   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
9   INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
10  INSERT INTO `homework1`.`phones` (`product_name`, `manufacturer`, `product_
11
```

Back | Apply | Cancel


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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homework1
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phones
Columns
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Foreign Keys
Triggers
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Stored Procedures
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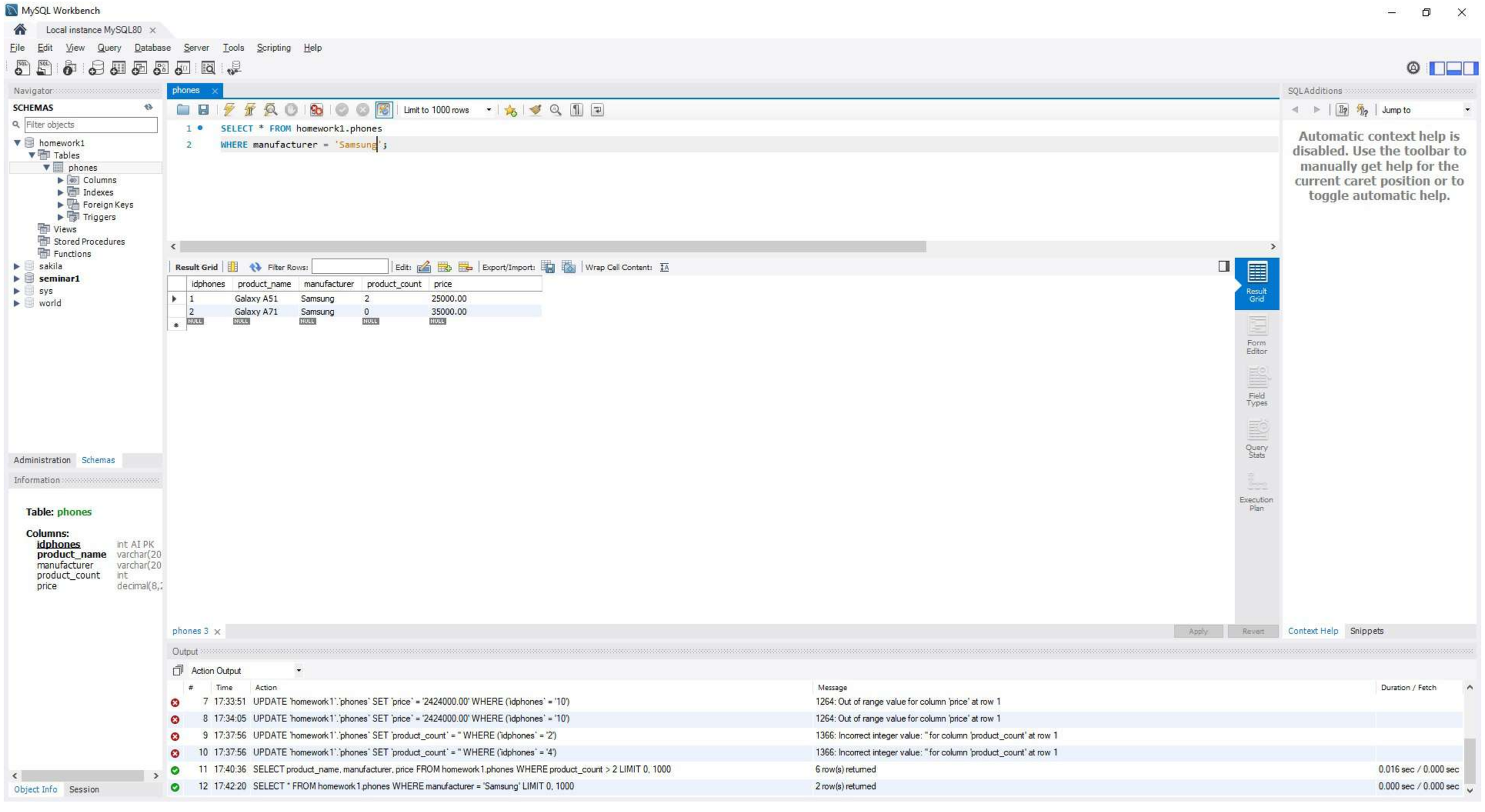
world
Administration Schemas
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT product_name, manufacturer, price FROM homework1.phones
2 WHERE product_count > 2;
Result Grid Filter Rows: Export: Wrap Cell Content:
product_name manufacturer price
iPhone 13 Apple 85000.00
iPhone X Apple 45000.00
iPhone 8 Apple 40000.00
P20 Mate Huawei 50000.00
Honor 10 Huawei 28000.00
Redmi 9 Note Pro Xiaomi 24000.00
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 2
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
6 17:27:54 SELECT * FROM homework1.phones LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
7 17:33:51 UPDATE 'homework1'.'phones' SET 'price' = '2424000.00' WHERE ('idphones' = '10') 1264: Out of range value for column 'price' at row 1
8 17:34:05 UPDATE 'homework1'.'phones' SET 'price' = '2424000.00' WHERE ('idphones' = '10') 1264: Out of range value for column 'price' at row 1
9 17:37:56 UPDATE 'homework1'.'phones' SET 'product_count' = '' WHERE ('idphones' = '2') 1366: Incorrect integer value: '' for column 'product_count' at row 1
10 17:37:56 UPDATE 'homework1'.'phones' SET 'product_count' = '' WHERE ('idphones' = '4') 1366: Incorrect integer value: '' for column 'product_count' at row 1
11 17:40:36 SELECT product_name, manufacturer, price FROM homework1.phones WHERE product_count > 2 LIMIT 0, 1000 6 row(s) returned 0.016 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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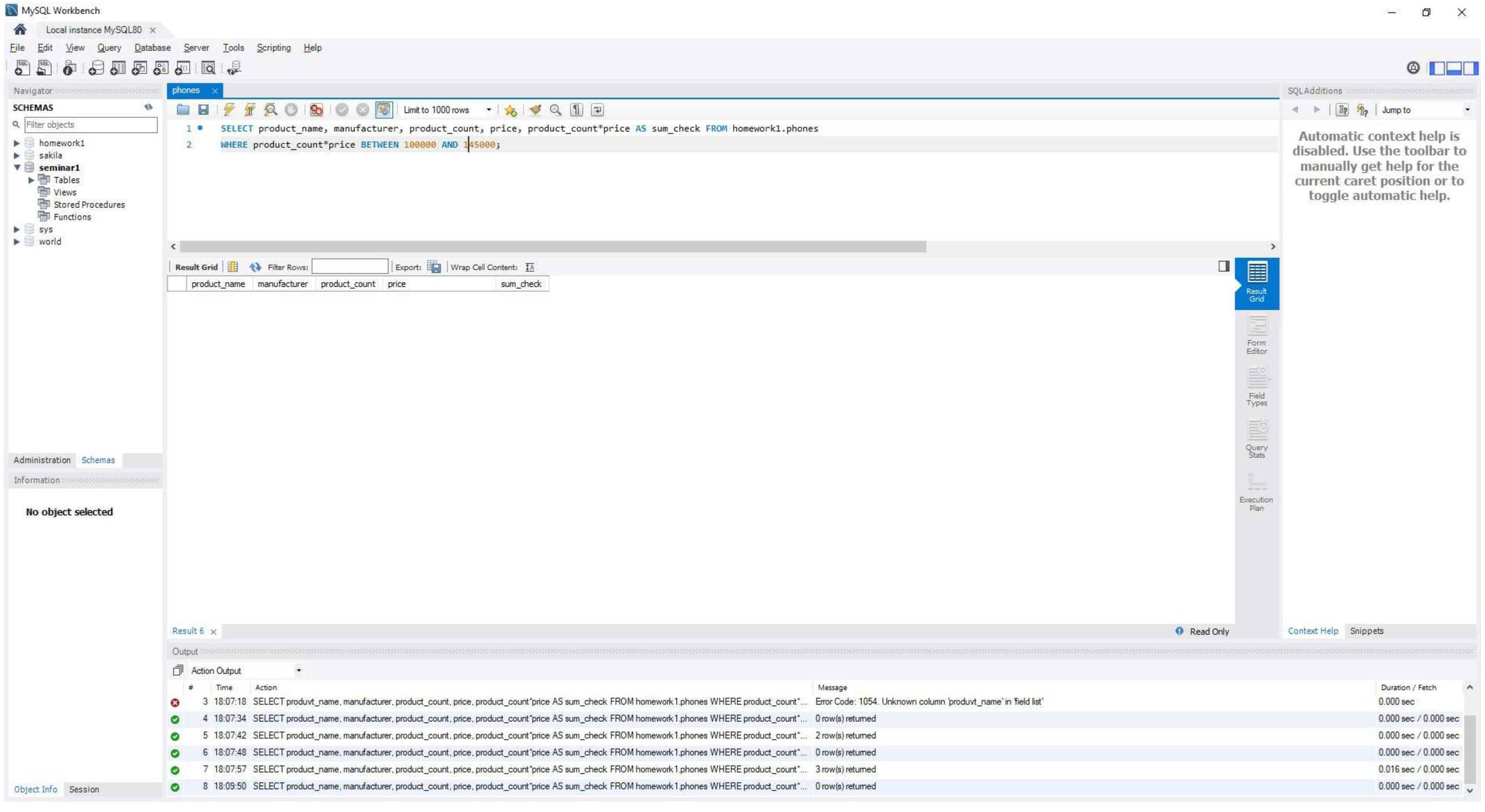
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT * FROM homework1.phones
2 WHERE manufacturer = 'Samsung';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
1 Galaxy A51 Samsung 2 25000.00
2 Galaxy A71 Samsung 0 35000.00
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 3
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
7 17:33:51 UPDATE 'homework1'.'phones' SET 'price' = '2424000.00' WHERE ('idphones' = '10') 1264: Out of range value for column 'price' at row 1
8 17:34:05 UPDATE 'homework1'.'phones' SET 'price' = '2424000.00' WHERE ('idphones' = '10') 1264: Out of range value for column 'price' at row 1
9 17:37:56 UPDATE 'homework1'.'phones' SET 'product_count' = '' WHERE ('idphones' = '2') 1366: Incorrect integer value: '' for column 'product_count' at row 1
10 17:37:56 UPDATE 'homework1'.'phones' SET 'product_count' = '' WHERE ('idphones' = '4') 1366: Incorrect integer value: '' for column 'product_count' at row 1
11 17:40:36 SELECT product_name, manufacturer, price FROM homework1.phones WHERE product_count > 2 LIMIT 0, 1000 6 row(s) returned 0.016 sec / 0.000 sec
12 17:42:20 SELECT * FROM homework1.phones WHERE manufacturer = 'Samsung' LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
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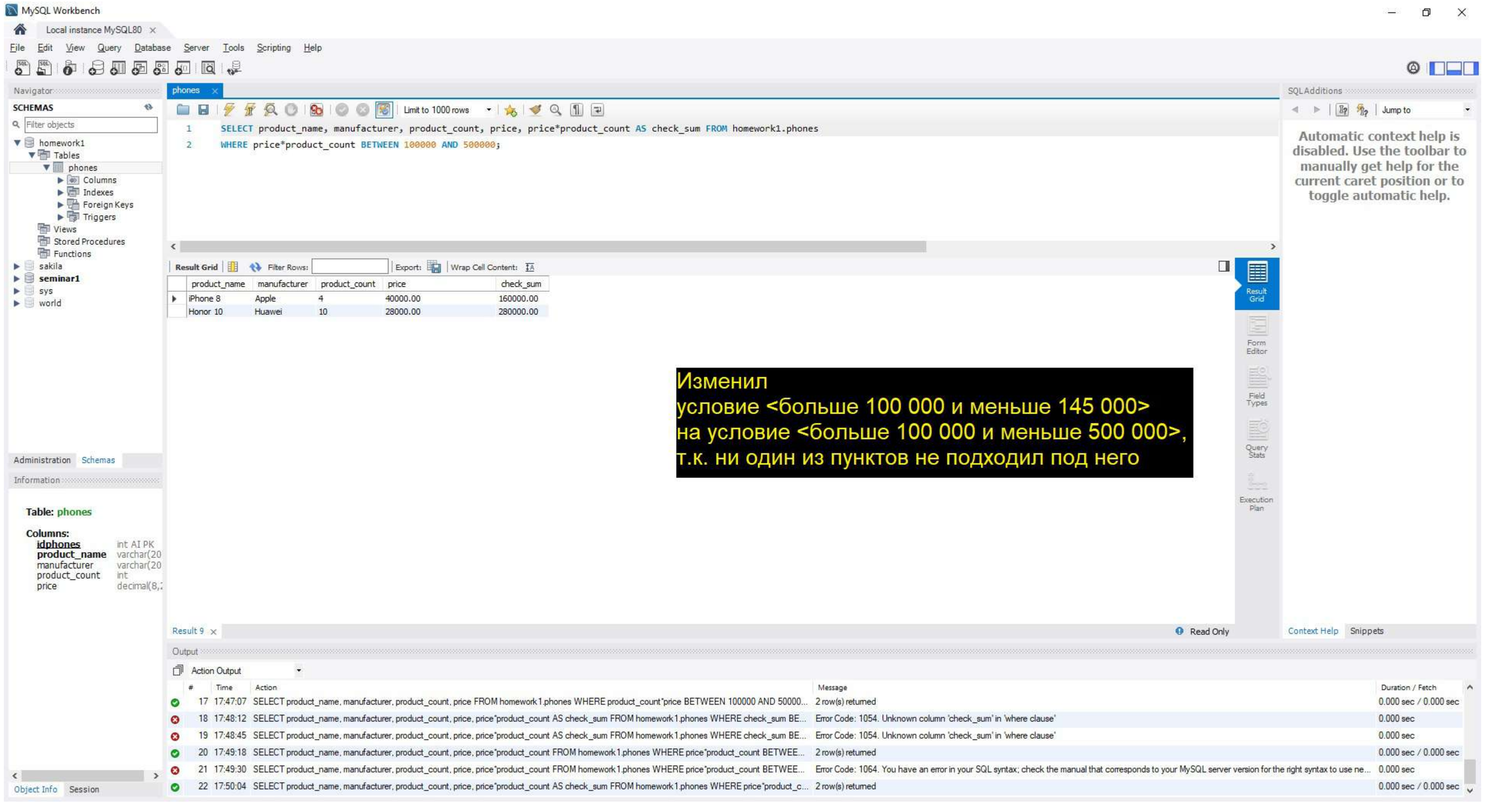
Administration Schemas
Information
No object selected
Object Info Session
phones
Limit to 1000 rows
1 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones
2 WHERE product_count*price BETWEEN 100000 AND 145000;
Result Grid Filter Rows: Export: Wrap Cell Content:
product_name manufacturer product_count price sum_check
Result 6
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
3 18:07:18 SELECT produvt_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... Error Code: 1054. Unknown column 'produvt_name' in 'field list' 0.000 sec
4 18:07:34 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... 0 row(s) returned 0.000 sec / 0.000 sec
5 18:07:42 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... 2 row(s) returned 0.000 sec / 0.000 sec
6 18:07:48 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... 0 row(s) returned 0.000 sec / 0.000 sec
7 18:07:57 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... 3 row(s) returned 0.016 sec / 0.000 sec
8 18:09:50 SELECT product_name, manufacturer, product_count, price, product_count*price AS sum_check FROM homework1.phones WHERE product_count*... 0 row(s) returned 0.000 sec / 0.000 sec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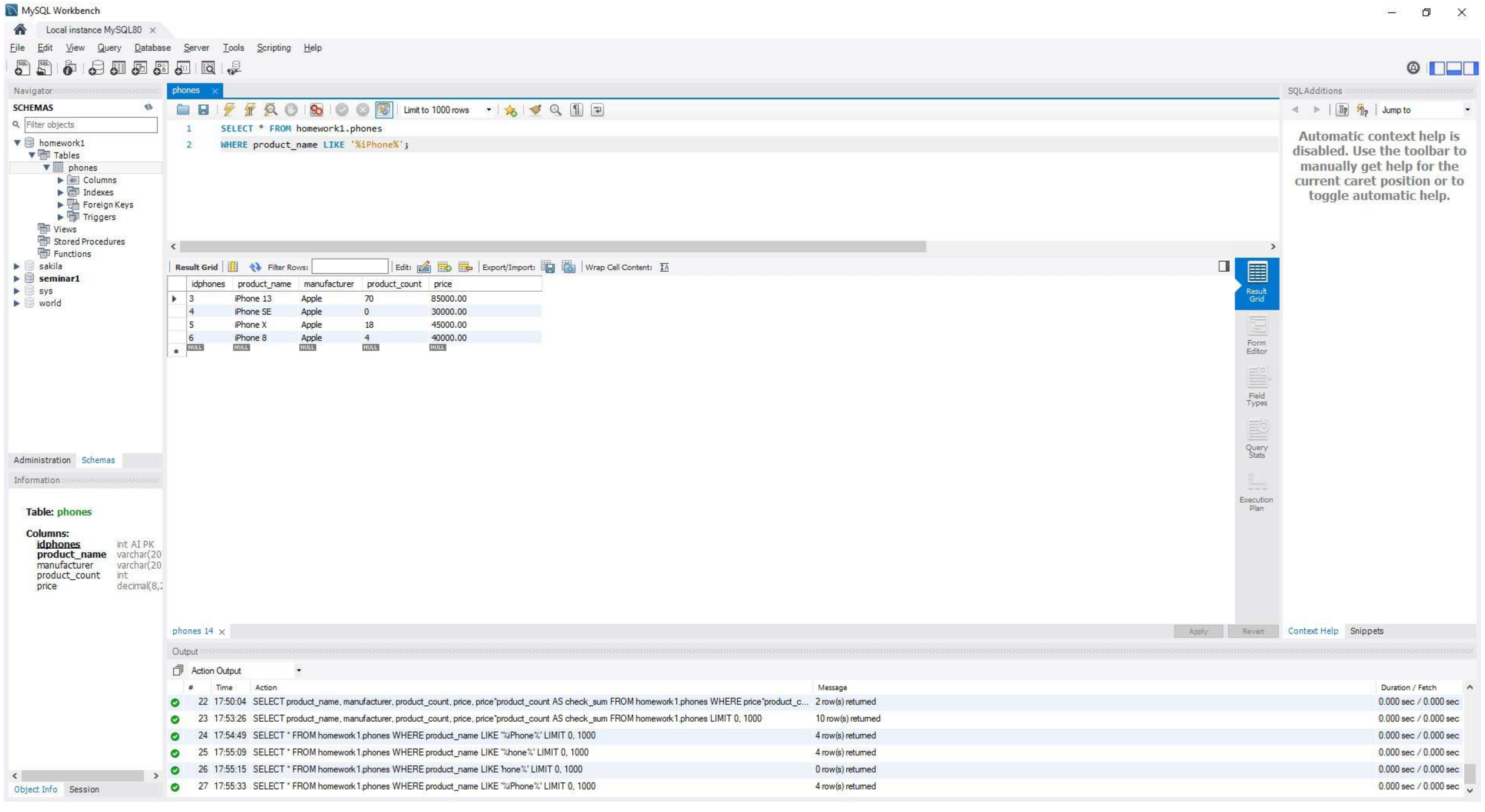
Administration Schemas
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones
2 WHERE price*product_count BETWEEN 100000 AND 500000;
Result Grid Filter Rows: Export: Wrap Cell Content:
product_name manufacturer product_count price check_sum
iPhone 8 Apple 4 40000.00 160000.00
Honor 10 Huawei 10 28000.00 280000.00
Изменил
условие <больше 100 000 и меньше 145 000>
на условие <больше 100 000 и меньше 500 000>,
т.к. ни один из пунктов не подходил под него
Result 9
Read Only
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
17 17:47:07 SELECT product_name, manufacturer, product_count, price FROM homework1.phones WHERE product_count*price BETWEEN 100000 AND 50000... 2 row(s) returned 0.000 sec / 0.000 sec
18 17:48:12 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones WHERE check_sum BE... Error Code: 1054. Unknown column 'check_sum' in 'where clause' 0.000 sec
19 17:48:45 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones WHERE check_sum BE... Error Code: 1054. Unknown column 'check_sum' in 'where clause' 0.000 sec
20 17:49:18 SELECT product_name, manufacturer, product_count, price, price*product_count FROM homework1.phones WHERE price*product_count BETWEE... 2 row(s) returned 0.000 sec / 0.000 sec
21 17:49:30 SELECT product_name, manufacturer, product_count, price, price*product_count FROM homework1.phones WHERE price*product_count BETWEE... Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use ne... 0.000 sec
22 17:50:04 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones WHERE price*product_c... 2 row(s) returned 0.000 sec / 0.000 sec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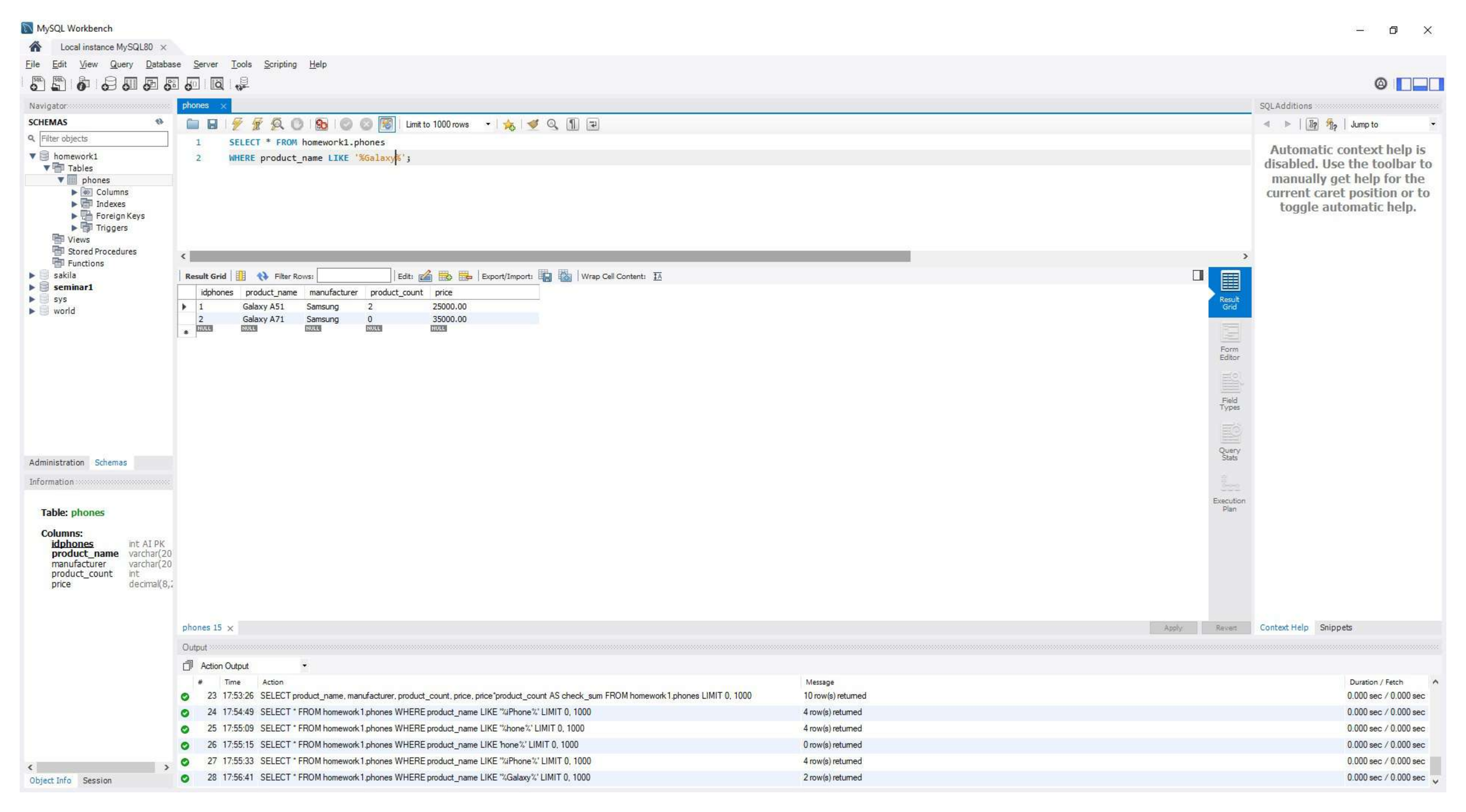
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT * FROM homework1.phones
2 WHERE product_name LIKE '%iPhone%';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
3 iPhone 13 Apple 70 85000.00
4 iPhone SE Apple 0 30000.00
5 iPhone X Apple 18 45000.00
6 iPhone 8 Apple 4 40000.00
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 14
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
22 17:50:04 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones WHERE price*product_c... 2 row(s) returned 0.000 sec / 0.000 sec
23 17:53:26 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones LIMIT 0, 1000 10 row(s) returned 0.000 sec / 0.000 sec
24 17:54:49 SELECT * FROM homework1.phones WHERE product_name LIKE '%iPhone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
25 17:55:09 SELECT * FROM homework1.phones WHERE product_name LIKE '%hone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
26 17:55:15 SELECT * FROM homework1.phones WHERE product_name LIKE 'hone%' LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
27 17:55:33 SELECT * FROM homework1.phones WHERE product_name LIKE '%iPhone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec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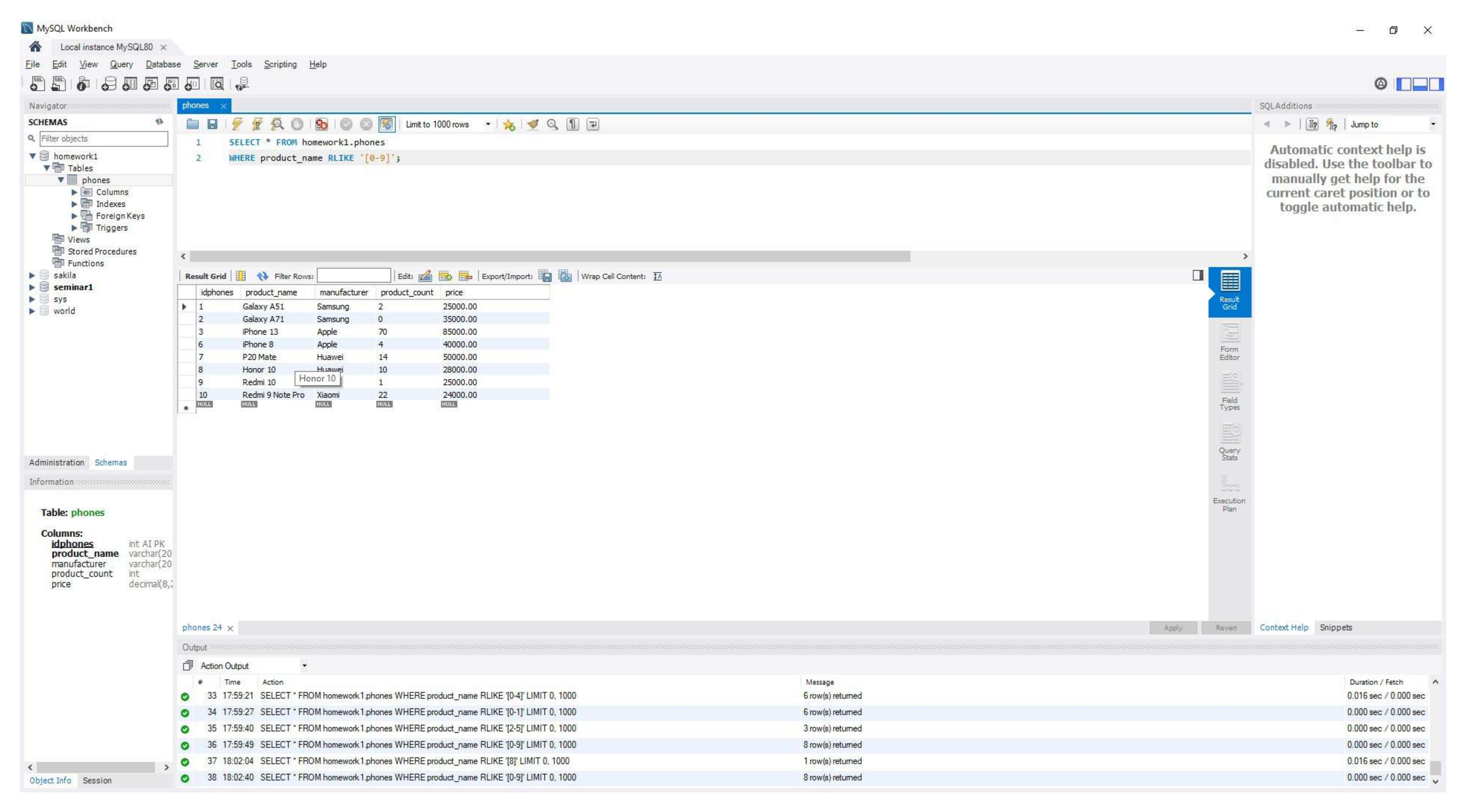
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT * FROM homework1.phones
2 WHERE product_name LIKE '%Galaxy%';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
1 Galaxy A51 Samsung 2 25000.00
2 Galaxy A71 Samsung 0 35000.00
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 15
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
23 17:53:26 SELECT product_name, manufacturer, product_count, price, price*product_count AS check_sum FROM homework1.phones LIMIT 0, 1000 10 row(s) returned 0.000 sec / 0.000 sec
24 17:54:49 SELECT * FROM homework1.phones WHERE product_name LIKE '%iPhone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
25 17:55:09 SELECT * FROM homework1.phones WHERE product_name LIKE '%hone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
26 17:55:15 SELECT * FROM homework1.phones WHERE product_name LIKE 'hone%' LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
27 17:55:33 SELECT * FROM homework1.phones WHERE product_name LIKE '%iPhone%' LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
28 17:56:41 SELECT * FROM homework1.phones WHERE product_name LIKE '%Galaxy%' LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec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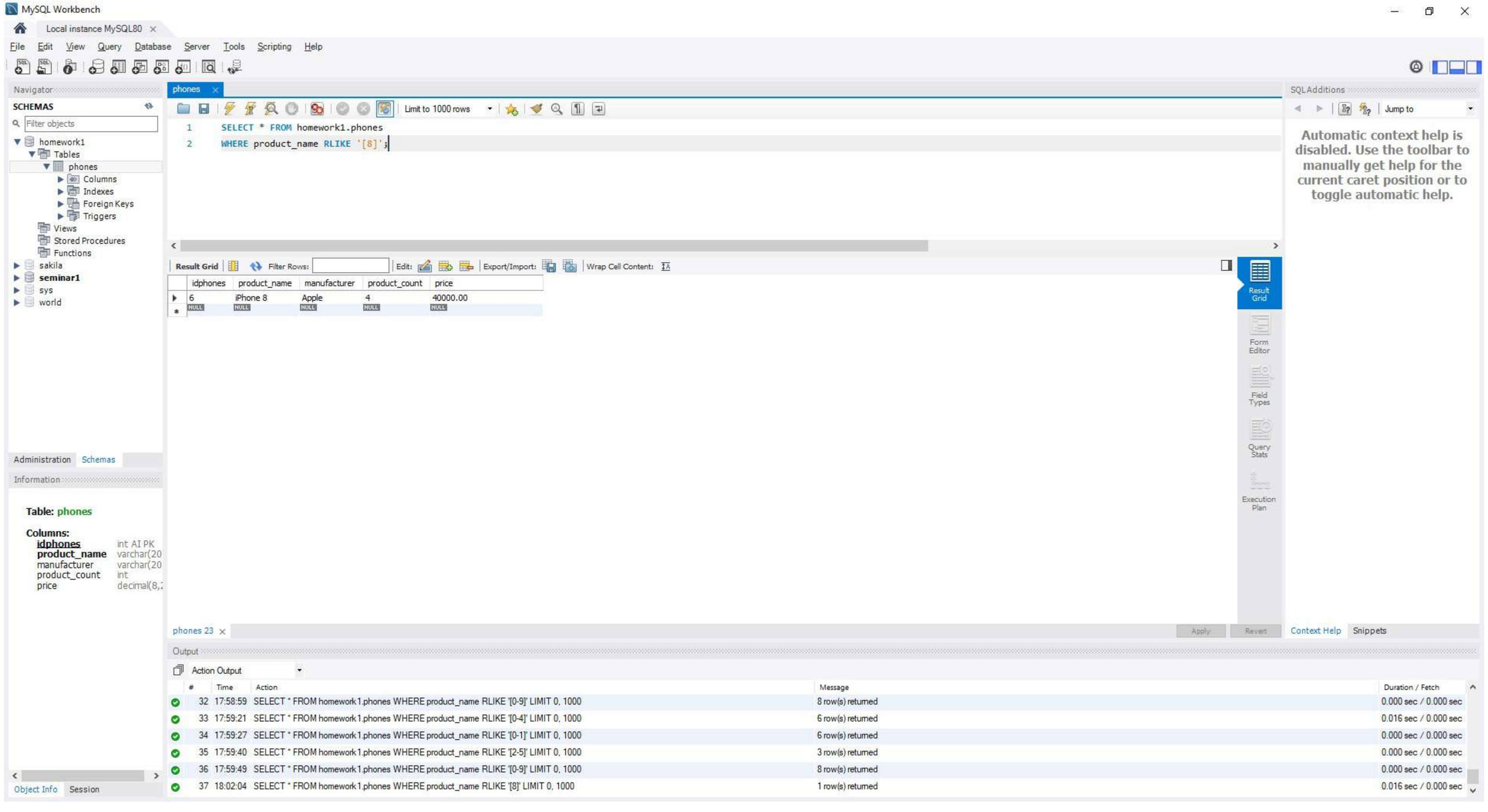
Administration Schemas
Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT * FROM homework1.phones
2 WHERE product_name RLIKE '[0-9]';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
1 Galaxy A51 Samsung 2 25000.00
2 Galaxy A71 Samsung 0 35000.00
3 iPhone 13 Apple 70 85000.00
6 iPhone 8 Apple 4 40000.00
7 P20 Mate Huawei 14 50000.00
8 Honor 10 Huawei 10 28000.00
9 Redmi 10 1 25000.00
10 Redmi 9 Note Pro Xiaomi 22 24000.00
NULL NULL NULL NULL NULL
Honor 10
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 24
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
33 17:59:21 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-4]' LIMIT 0, 1000 6 row(s) returned 0.016 sec / 0.000 sec
34 17:59:27 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-1]' LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
35 17:59:40 SELECT * FROM homework1.phones WHERE product_name RLIKE '[2-5]' LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
36 17:59:49 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-9]' LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec
37 18:02:04 SELECT * FROM homework1.phones WHERE product_name RLIKE '[8]' LIMIT 0, 1000 1 row(s) returned 0.016 sec / 0.000 sec
38 18:02:40 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-9]' LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec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Information
Table: phones
Columns:
idphones int AI PK
product_name varchar(20
manufacturer varchar(20
product_count int
price decimal(8,
Object Info Session
phones
Limit to 1000 rows
1 SELECT * FROM homework1.phones
2 WHERE product_name RLIKE '[8]';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
idphones product_name manufacturer product_count price
6 iPhone 8 Apple 4 40000.00
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
Execution Plan
phones 23
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
32 17:58:59 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-9]' LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec
33 17:59:21 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-4]' LIMIT 0, 1000 6 row(s) returned 0.016 sec / 0.000 sec
34 17:59:27 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-1]' LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
35 17:59:40 SELECT * FROM homework1.phones WHERE product_name RLIKE '[2-5]' LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
36 17:59:49 SELECT * FROM homework1.phones WHERE product_name RLIKE '[0-9]' LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec
37 18:02:04 SELECT * FROM homework1.phones WHERE product_name RLIKE '[8]' LIMIT 0, 1000 1 row(s) returned 0.016 sec / 0.000 sec