

```

42 (7, 'Hiro', 'Tanaka', 400000, 4.6, 6, 'Japan'),
43 (8, 'Hans', 'Muller', 120000, 3.8, 7, 'Germany'),
44 (9, 'Emily', 'Clark', 70000, 4.2, 8, 'UK'),
45 (10, 'Pierre', 'Dupont', 100000, 3.9, 9, 'France');
46
47 • SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1;
48
49
50 • SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1;
51

```

Full_Name
John Doe
Jane Smith
Raj Kumar
Ling Wei
Carlos Mendez
Yuri Ivanov
Hiro Tanaka
Hans Muller
Emily Clark

Result 3 x

Output

Action Output

#	Time	Action	Message
1	16:24:55	use employee_1	0 row(s) affected
2	16:25:07	SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1 LIMIT 0, 10	10 row(s) returned
3	16:25:34	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
4	16:25:35	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned

Limit to 10 rows

```

44 (9, 'Emily', 'Clark', 70000, 4.2, 8, 'UK'),
45 (10, 'Pierre', 'Dupont', 100000, 3.9, 9, 'France');
46
47 • SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1;
48
49
50 • SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1;
51
52 • SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1;
53

```

Result Grid Filter Rows: Export: Wrap Cell Content:

Unique_Countries
10

Result 4 x

Output

Action Output

#	Time	Action	Message
✓ 1	16:24:55	use employee_1	0 row(s) affected
✓ 2	16:25:07	SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1 LIMIT 0, 10	10 row(s) returned
✓ 3	16:25:34	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 4	16:25:35	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 5	16:25:55	SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1 LIMIT 0, 10	1 row(s) returned

```

46
47 • SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1;
48
49
50 • SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1;
51
52 • SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1;
53
54 • SELECT MAX(Population) AS Max_Population FROM Country_1;
55

```

Result Grid Filter Rows: Export: Wrap Cell Content:

Max_Population
1440000000

Result 5 x

Output

Action Output

#	Time	Action	Message
✓ 1	16:24:55	use employee_1	0 row(s) affected
✓ 2	16:25:07	SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1 LIMIT 0, 10	10 row(s) returned
✓ 3	16:25:34	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 4	16:25:35	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 5	16:25:55	SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 6	16:26:22	SELECT MAX(Population) AS Max_Population FROM Country_1 LIMIT 0, 10	1 row(s) returned

Limit to 10 rows

```

48
49
50 • SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1;
51
52 • SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1;
53
54 • SELECT MAX(Population) AS Max_Population FROM Country_1;
55
56 • SELECT MIN(Population) AS Min_Population FROM Persons_1;
57

```

Result Grid Filter Rows: Export: Wrap Cell Content:

Min_Population
50000

Result 6 x

Output

Action Output

#	Time	Action	Message
✓ 2	16:25:07	SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1 LIMIT 0, 10	10 row(s) returned
✓ 3	16:25:34	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 4	16:25:35	SELECT CONCAT(Fname, ' ', Lname) AS Full_Name FROM Persons_1 LIMIT 0, 10	10 row(s) returned
✓ 5	16:25:55	SELECT COUNT(DISTINCT Country_name) AS Unique_Countries FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 6	16:26:22	SELECT MAX(Population) AS Max_Population FROM Country_1 LIMIT 0, 10	1 row(s) returned
✓ 7	16:26:43	SELECT MIN(Population) AS Min_Population FROM Persons_1 LIMIT 0, 10	1 row(s) returned

```

62
63 • INSERT INTO Persons_1 VALUES(
64   11, 'Alex', NULL, 500000, 3.7, 10, 'Canada'),
65   (12, 'Laura', NULL, 600000, 3.6, 10, 'Canada');
66 • select * from persons_1 ;
67   -- Count Lname
68 • SELECT COUNT(Lname) AS Count_Lname FROM Persons_1;
69
70 • SELECT COUNT(*) AS Total_Rows FROM Persons_1;
71

```

Result Grid

Count_Lname
10

Action Output

#	Time	Action	Message
3	18:29:34	DELETE FROM persons_1 WHERE primary_key_column = '11'	Error Code: 1054. Unknown column 'primary_key_column' in 'where clause'
4	18:31:59	SELECT * FROM persons_1 WHERE id = '11' LIMIT 0, 10	1 row(s) returned
5	18:33:19	select *from persons_1 LIMIT 0, 10	10 row(s) returned
6	18:34:03	SELECT * FROM persons_1 WHERE id = '11' LIMIT 0, 10	1 row(s) returned
7	18:35:26	select *from persons_1 where id='12' LIMIT 0, 10	1 row(s) returned
8	18:35:53	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned

```

62
63 • INSERT INTO Persons_1 VALUES(
64   11, 'Alex', NULL, 500000, 3.7, 10, 'Canada'),
65   (12, 'Laura', NULL, 600000, 3.6, 10, 'Canada');
66 • select * from persons_1 ;
67   -- Count Lname
68 • SELECT COUNT(Lname) AS Count_Lname FROM Persons_1;
69
70 • SELECT COUNT(*) AS Total_Rows FROM Persons_1;
71

```

Result Grid

Total_Rows
12

No Context Help

#	Time	Action	Message
5	18:33	Select output pane	
6	18:34:03	SELECT * FROM persons_1 WHERE id = '11' LIMIT 0, 10	10 row(s) returned
7	18:35:26	select * from persons_1 where id='12' LIMIT 0, 10	1 row(s) returned
8	18:35:53	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
9	18:36:27	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
10	18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned


```

64 11, 'Alex', NULL, 500000, 3.7, 10, 'Canada'),
65 (12, 'Laura', NULL, 600000, 3.6, 10, 'Canada');
66 • select * from persons_1 ;
67 -- Count Lname
68 • SELECT COUNT(Lname) AS Count_Lname FROM Persons_1;
69
70 • SELECT COUNT(*) AS Total_Rows FROM Persons_1;
71
72 • SELECT Population FROM Country_1 LIMIT 3;
73

```

Result Grid

Filter Rows: Export: Wrap Cell Content: ☐ Fetch rows:

Population
331000000
1380000000
1440000000

Result Grid
Form Editor
Field Types

Action Output

#	Time	Action	Message
✓ 6	18:34:03	SELECT * FROM persons_1 WHERE id = '11' LIMIT 0, 10	1 row(s) returned
✓ 7	18:35:26	select * from persons_1 where id='12' LIMIT 0, 10	1 row(s) returned
✓ 8	18:35:53	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 9	18:36:27	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 10	18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 11	18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned

No Context Help

```

66 • select * from persons_1 ;
67 -- Count Lname
68 • SELECT COUNT(Lname) AS Count_Lname FROM Persons_1;
69
70 • SELECT COUNT(*) AS Total_Rows FROM Persons_1;
71
72 • SELECT Population FROM Country_1 LIMIT 3;
73
74 • SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3;
75

```

Result Grid

	Id	Country_name	Population	Area
▶	1	USA	331000000	9833520
	5	Russia	145000000	17098242
	9	France	67000000	551695
•	NULL	NULL	NULL	NULL

Form Editor

Field Types

Output

Action Output

#	Time	Action	Message
✓ 7	18:35:26	select * from persons_1 where id='12' LIMIT 0, 10	1 row(s) returned
✓ 8	18:35:53	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 9	18:36:27	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 10	18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 11	18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned
✓ 12	18:37:20	SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3	3 row(s) returned

No Context Help


```

68 • SELECT COUNT(Lname) AS Count_Lname FROM Persons_1;
69
70 • SELECT COUNT(*) AS Total_Rows FROM Persons_1;
71
72 • SELECT Population FROM Country_1 LIMIT 3;
73
74 • SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3;
75
76 • SELECT * FROM Persons_1 ORDER BY Rating DESC;
77

```

Result Grid

	Id	Fname	Lname	Population	Rating	Country_Id	Country_name
▶	4	Ling	Wei	800000	4.70	3	China
	7	Hiro	Tanaka	400000	4.60	6	Japan
	1	John	Doe	300000	4.50	1	USA
	9	Emily	Clark	70000	4.20	8	UK
	3	Raj	Kumar	600000	4.10	2	India
	6	Yuri	Ivanov	150000	4.00	5	Russia
	2	Jane	Smith	500000	3.90	1	USA
	10	Pierre	Dupont	100000	3.90	9	France
	8	Hans	Muller	120000	3.80	7	Germany

Persons_1 10 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message
✓	8 18:35:53	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓	9 18:36:27	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓	10 18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓	11 18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned
✓	12 18:37:20	SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3	3 row(s) returned
✓	13 18:38:14	SELECT * FROM Persons_1 ORDER BY Rating DESC LIMIT 0, 10	10 row(s) returned

No Context Help

```

72 • SELECT Population FROM Country_1 LIMIT 3;
73
74 • SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3;
75
76 • SELECT * FROM Persons_1 ORDER BY Rating DESC;
77
78 • SELECT Country_name, SUM(Population) AS Total_Population
79 FROM Persons_1
80 GROUP BY Country_name;
81

```

Result Grid

Country_name	Total_Population
USA	800000
India	600000
China	800000
Brazil	200000
Russia	150000
Japan	400000
Germany	120000
UK	70000
France	100000

Result 11 x

No Context Help

SELECT

Context Help Snippets

Action Output

#	Time	Action	Message
9	18:36:27	SELECT COUNT(Lname) AS Count_Lname FROM Persons_1 LIMIT 0, 10	1 row(s) returned
10	18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned
11	18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned
12	18:37:20	SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3	3 row(s) returned
13	18:38:14	SELECT * FROM Persons_1 ORDER BY Rating DESC LIMIT 0, 10	10 row(s) returned
14	18:38:49	SELECT Country_name, SUM(Population) AS Total_Population FROM Persons_1 GROUP BY Country_name ...	10 row(s) returned

```

77
78 • SELECT Country_name, SUM(Population) AS Total_Population
79 FROM Persons_1
80 GROUP BY Country_name;
81
82 • SELECT Country_name, SUM(Population) AS Total_Population
83 FROM Persons_1
84 GROUP BY Country_name
85 HAVING SUM(Population) > 50000;
86

```

Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:

Country_name	Total_Population
USA	800000
India	600000
China	800000
Brazil	200000
Russia	150000
Japan	400000
Germany	120000
UK	70000
France	100000

Result 12 x Read Only

No Context Help

Output

Action Output

#	Time	Action	Message
✓ 10	18:36:35	SELECT COUNT(*) AS Total_Rows FROM Persons_1 LIMIT 0, 10	1 row(s) returned
✓ 11	18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned
✓ 12	18:37:20	SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3	3 row(s) returned
✓ 13	18:38:14	SELECT * FROM Persons_1 ORDER BY Rating DESC LIMIT 0, 10	10 row(s) returned
✓ 14	18:38:49	SELECT Country_name, SUM(Population) AS Total_Population FROM Persons_1 GROUP BY Country_name ...	10 row(s) returned
✓ 15	18:39:11	SELECT Country_name, SUM(Population) AS Total_Population FROM Persons_1 GROUP BY Country_name ...	10 row(s) returned


```

83 FROM Persons_1
84 GROUP BY Country_name
85 HAVING SUM(Population) > 50000;
86
87 • SELECT Country_name, COUNT(*) AS Total_Persons, AVG(Rating) AS Average_Rating
88 FROM Persons_1
89 GROUP BY Country_name
90 HAVING COUNT(*) > 2
91 ORDER BY Average_Rating asc ;
92

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Country_name	Total_Persons	Average_Rating
--------------	---------------	----------------

Result Grid
Form Editor
Field Types

Action Output

#	Time	Action	Message
✓ 11	18:36:58	SELECT Population FROM Country_1 LIMIT 3	3 row(s) returned
✓ 12	18:37:20	SELECT * FROM Country_1 ORDER BY RAND() LIMIT 3	3 row(s) returned
✓ 13	18:38:14	SELECT * FROM Persons_1 ORDER BY Rating DESC LIMIT 0, 10	10 row(s) returned
✓ 14	18:38:49	SELECT Country_name, SUM(Population) AS Total_Population FROM Persons_1 GROUP BY Country_name ...	10 row(s) returned
✓ 15	18:39:11	SELECT Country_name, SUM(Population) AS Total_Population FROM Persons_1 GROUP BY Country_name ...	10 row(s) returned
✓ 16	18:39:30	SELECT Country_name, COUNT(*) AS Total_Persons, AVG(Rating) AS Average_Rating FROM Persons_1 GR...	0 row(s) returned

```
46
47 • SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1;
48
49
```

	Short_Country_name
▶	USA
	Ind
	Chi
	Bra
	Rus
	Jap
	Ger
	UK
	Fra

Output :

#	Time	Action	Message
1	16:24:55	use employee_1	0 row(s) affected
2	16:25:07	SELECT LEFT(Country_name, 3) AS Short_Country_name FROM Country_1 LIMIT 0, 10	10 row(s) returned