STEPS

Query 1   SQL File 4* ×

Limit to 1000 rows

```
18
19 ●   INSERT INTO Country (Id, Country_name, Population, Area) VALUES
20     (1, 'USA', 331000000, 'California'),
21     (2, 'India', 1380000000, 'Maharashtra'),
22     (3, 'Canada', 38000000, 'Ontario'),
23     (4, 'Australia', 25600000, 'New South Wales'),
24     (5, 'UK', 67000000, 'London'),
25     (6, 'Germany', 83000000, 'Bavaria'),
26     (7, 'France', 67000000, 'Île-de-France'),
27     (8, 'Japan', 125000000, 'Tokyo'),
28     (9, 'Brazil', 213000000, 'São Paulo'),
29     (10, 'South Africa', 60000000, 'Gauteng');
30
31 ●   INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country Id, Country name)
```

Output

Action Output

#	Time	Action	Message
1	11:42:52	CREATE TABLE Country (Id INT PRIMARY KEY, Country_name VARCHAR(50), Pop...	0 row(s) affected
2	11:43:39	CREATE TABLE Persons (Id INT PRIMARY KEY, Fname VARCHAR(30), Lname VA...	0 row(s) affected
3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 3310...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0

Query 1   SQL File 4* ×

Limit to 1000 rows

```
32     VALUES
33     (1, 'John', 'Doe', 1000000, 4.5, 1, 'USA'),
34     (2, 'Jane', 'Smith', 2000000, 4.8, 2, 'India'),
35     (3, 'Michael', 'Brown', 1500000, 4.2, 3, 'Canada'),
36     (4, 'Emily', 'Davis', 2500000, 3.9, 4, 'Australia'),
37     (5, 'James', 'Wilson', 1800000, 4.0, 5, 'UK'),
38     (6, 'Anna', 'Moore', 1300000, 4.6, 6, 'Germany'),
39     (7, 'Robert', 'Taylor', 1700000, 3.7, 7, 'France'),
40     (8, 'Linda', 'Anderson', 1400000, 4.9, 8, 'Japan'),
41     (9, 'David', 'Thomas', 2100000, 3.8, 9, 'Brazil'),
42     (10, 'Sarah', 'Jackson', 1600000, 4.3, 10, 'South Africa');
43
44 ●   SELECT * FROM Country;
45 ●   SELECT * FROM Persons;
```

Output

Action Output

#	Time	Action	Message	Durati
1	11:42:52	CREATE TABLE Country (Id INT PRIMARY KEY, Country_name VARCHAR(50), Pop...	0 row(s) affected	0.031
2	11:43:39	CREATE TABLE Persons (Id INT PRIMARY KEY, Fname VARCHAR(30), Lname VA...	0 row(s) affected	0.031
3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 3310...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000
4	11:45:47	INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_n...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015

Query 1   SQL File 4* ×

Limit to 1000 rows

```
40     (8, 'Linda', 'Anderson', 1400000, 4.9, 8, 'Japan'),
41     (9, 'David', 'Thomas', 2100000, 3.8, 9, 'Brazil'),
42     (10, 'Sarah', 'Jackson', 1600000, 4.3, 10, 'South Africa');
43
44 ●   SELECT * FROM Country;
```

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

	Id	Country_name	Population	Area
▶	1	USA	331000000	California
	2	India	1380000000	Maharashtra
	3	Canada	38000000	Ontario
	4	Australia	25600000	New South Wales
	5	UK	67000000	London
	6	Germany	83000000	Bavaria

Country 1 ×

Output

Action Output

#	Time	Action	Message	Duration
1	11:42:52	CREATE TABLE Country (Id INT PRIMARY KEY, Country_name VARCHAR(50), Po...	0 row(s) affected	0.031 se
2	11:43:39	CREATE TABLE Persons (Id INT PRIMARY KEY, Fname VARCHAR(30), Lname VA...	0 row(s) affected	0.031 se
3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 331...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 se
4	11:45:47	INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 se
5	11:46:09	SELECT * FROM Country LIMIT 0, 1000	10 row(s) returned	0.000 se

Screenshot 1

Query 1 | SQL File 4* ×

```
41        (9, 'David', 'Thomas', 2100000, 3.8, 9, 'Brazil'),
42        (10, 'Sarah', 'Jackson', 1600000, 4.3, 10, 'South Africa');
43
44  •   SELECT * FROM Country;
45  •   SELECT * FROM Persons;
```

SCHEMAS

Filter objects

- entri_dsml_d36
  - ▼ Tables
    - ► country
    - ► persons
    - Views
    - Stored Procedures
    - Functions
  - sales
    - Tables
    - Views
    - Stored Procedures
    - Functions
  - school

ministration   Schemas

nformation

Schema: entri_dsml_d36

ect Info   Session

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

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	1000000	4.5	1	USA
2	Jane	Smith	2000000	4.8	2	India
3	Michael	Brown	1500000	4.2	3	Canada
4	Emily	Davis	2500000	3.9	4	Australia
5	James	Wilson	1800000	4	5	UK
6	Anna	Moore	1300000	4.6	6	Germany

Persons 2 ×

Apply   Revert   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / F
●	1	11:42:52	CREATE TABLE Country (Id INT PRIMARY KEY, Country_name VARCHAR(50), Po...	0 row(s) affected	0.031 sec
●	2	11:43:39	CREATE TABLE Persons (Id INT PRIMARY KEY, Fname VARCHAR(30), Lname VA...	0 row(s) affected	0.031 sec
●	3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 331...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
●	4	11:45:47	INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 sec
●	5	11:46:09	SELECT * FROM Country LIMIT 0, 1000	10 row(s) returned	0.000 sec /
●	6	11:46:31	SELECT * FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec /

Screenshot 2

Query 1 | SQL File 4* ×

```
48        # 1)List the distinct country names from the Persons table
49
50  •   SELECT DISTINCT Country_name FROM Persons;
51
52        # 2)Select first names and last names from the Persons table with aliases
```

SCHEMAS

Filter objects

- entri_dsml_d36
  - ▼ Tables
    - ► country
    - ► persons
    - Views
    - Stored Procedures
    - Functions
  - sales
    - Tables
    - Views
    - Stored Procedures
    - Functions
  - school

dministration   Schemas

nformation

Schema: entri_dsml_d36

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

Country_name
USA
India
Canada
Australia
UK
Germany

Persons 3 ×

Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
●	2	11:43:39	CREATE TABLE Persons (Id INT PRIMARY KEY, Fname VARCHAR(30), Lname ...	0 row(s) affected	0.031 sec
●	3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 33...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
●	4	11:45:47	INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 sec
●	5	11:46:09	SELECT * FROM Country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 s
●	6	11:46:31	SELECT * FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 s
●	7	11:46:52	SELECT DISTINCT Country_name FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 s

Screenshot 3

Query 1 | SQL File 4* ×

```
52        # 2)Select first names and last names from the Persons table with aliases
53
54  •   SELECT Fname AS FirstName, Lname AS LastName FROM Persons;
55
56        # 3)Find all persons with a rating greater than 4.0.
```

SCHEMAS

Filter objects

- entri_dsml_d36
  - ▼ Tables
    - ► country
    - ► persons
    - Views
    - Stored Procedures
    - Functions
  - sales
    - Tables
    - Views
    - Stored Procedures
    - Functions
  - school

Administration   Schemas

nformation

Schema: entri_dsml_d36

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

FirstName	LastName
John	Doe
Jane	Smith
Michael	Brown
Emily	Davis
James	Wilson
Anna	Moore

Persons 4 ×

Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
●	3	11:45:15	INSERT INTO Country (Id, Country_name, Population, Area) VALUES (1, 'USA', 33...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
●	4	11:45:47	INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 sec
●	5	11:46:09	SELECT * FROM Country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000
●	6	11:46:31	SELECT * FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000
●	7	11:46:52	SELECT DISTINCT Country_name FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000
●	8	11:47:28	SELECT Fname AS FirstName, Lname AS LastName FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000

Object Info   Session

Query 1 | **SQL File 4*** ×

Limit to 1000 rows

```
64      # 5)Find persons who are from 'USA' or have a rating greater than 4.5.
65
66  •   SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
67
68      # 6)Find all persons where the country name is NULL.
```

SQLAdditions

Jump to

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

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	1000000	4.5	1	USA
2	Jane	Smith	2000000	4.8	2	India
6	Anna	Moore	1300000	4.6	6	Germany
8	Linda	Anderson	1400000	4.9	8	Japan
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Persons 7 ×

Apply   Revert   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration
6	11:46:31	SELECT * FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec
7	11:46:52	SELECT DISTINCT Country_name FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec
8	11:47:28	SELECT Fname AS FirstName, Lname AS LastName FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec
9	11:48:01	SELECT * FROM Persons WHERE Rating > 4.0 LIMIT 0, 1000	6 row(s) returned	0.000 sec
10	11:48:30	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	10 row(s) returned	0.000 sec
11	11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	4 row(s) returned	0.000 sec

---

Query 1 | **SQL File 4*** ×

Limit to 1000 rows

```
68      # 6)Find all persons where the country name is NULL.
69
70  •   SELECT * FROM Persons WHERE Country_name = 'NULL';
71
72      # 7)Find all persons from the countries 'USA', 'Canada', and 'UK'.
```

SQLAdditions

Jump to

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

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Persons 8 ×

Apply   Revert   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fe
7	11:46:52	SELECT DISTINCT Country_name FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / (
8	11:47:28	SELECT Fname AS FirstName, Lname AS LastName FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / (
9	11:48:01	SELECT * FROM Persons WHERE Rating > 4.0 LIMIT 0, 1000	6 row(s) returned	0.000 sec / (
10	11:48:30	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	10 row(s) returned	0.000 sec / (
11	11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	0.000 sec / (
12	11:49:34	SELECT * FROM Persons WHERE Country_name = 'NULL' LIMIT 0, 1000	0 row(s) returned	0.000 sec / (

Navigator — SCHEMAS — Filter objects
- entri_dsml_d36
  - Tables
    - country
    - persons
  - Views
  - Stored Procedures
  - Functions
- sales
  - Tables
  - Views
  - Stored Procedures
  - Functions
- school

Administration   Schemas

Information

Schema: entri_dsml_d36

Object Info   Session

Screenshot 1

Limit to 1000 rows

```
70   SELECT * FROM Persons WHERE Country_name = 'NULL';

71

72   # 7)Find all persons from the countries 'USA', 'Canada', and 'UK'.

73

74   SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK');
```

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

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	1000000	4.5	1	USA
3	Michael	Brown	1500000	4.2	3	Canada
5	James	Wilson	1800000	4	5	UK
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Persons 9 ×

Schema: entri_dsml_d36

Output — Action Output

#	Time	Action	Message	Duration / Fetch
✓	8 11:47:28	SELECT Fname AS FirstName, Lname AS LastName FROM Persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000
✓	9 11:48:01	SELECT * FROM Persons WHERE Rating > 4.0 LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000
✓	10 11:48:30	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000
✓	11 11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	4 row(s) returned	0.000 sec / 0.000
✓	12 11:49:34	SELECT * FROM Persons WHERE Country_name = 'NULL' LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000
✓	13 11:50:03	SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK') LIMIT 0...	3 row(s) returned	0.016 sec / 0.000

SQLAdditions: Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Screenshot 2

Limit to 1000 rows

```
74   SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK');

75

76   # 8)Find all persons not from the countries 'India' and 'Australia'.

77

78   SELECT * FROM Persons WHERE Country_name NOT IN ('India','Australia');
```

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

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	1000000	4.5	1	USA
3	Michael	Brown	1500000	4.2	3	Canada
5	James	Wilson	1800000	4	5	UK
6	Anna	Moore	1300000	4.6	6	Germany
7	Robert	Taylor	1700000	3.7	7	France
8	Linda	Anderson	1400000	4.9	8	Japan

Persons 10 ×

Schema: entri_dsml_d36

Output — Action Output

#	Time	Action	Message	Duration / Fetch
✓	9 11:48:01	SELECT * FROM Persons WHERE Rating > 4.0 LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓	10 11:48:30	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓	11 11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	4 row(s) returned	0.000 sec / 0.000 sec
✓	12 11:49:34	SELECT * FROM Persons WHERE Country_name = 'NULL' LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	13 11:50:03	SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK') LIMIT 0...	3 row(s) returned	0.016 sec / 0.000 sec
✓	14 11:50:31	SELECT * FROM Persons WHERE Country_name NOT IN ('India','Australia') LIMIT...	8 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions: Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Navigator | SCHEMAS | Query 1 | SQL File 4*

SCHEMAS

Filter objects

▼ entri_dsml_d36
  ▼ Tables
    ▶ country
    ▶ persons
    Views
    Stored Procedures
    Functions
  ▼ sales
    Tables
    Views
    Stored Procedures
    Functions
  ▶ school

Administration Schemas

Information

Schema: entri_dsml_d36

```
78 •  SELECT * FROM Persons WHERE Country_name NOT IN ('India','Australia');
79
80    # 9)Find all countries with a population between 5 lakhs and 20 lakhs.
81
82 •  SELECT * FROM Country WHERE Population BETWEEN 500000 AND 1000000;
```

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

Id	Country_name	Population	Area
NULL	NULL	NULL	NULL

Country 11 ×

Apply Revert Context Help Snippets

SQL Additions

Jump to

Automatic context
disabled. Use the to
manually get help f
current caret positi
toggle automatic

Output

Action Output

#	Time	Action	Message	Duration
10	11:48:30	SELECT * FROM Country WHERE Population > 1000000 LIMIT 0, 1000	10 row(s) returned	0.000 sec
11	11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	4 row(s) returned	0.000 se
12	11:49:34	SELECT * FROM Persons WHERE Country_name = 'NULL' LIMIT 0, 1000	0 row(s) returned	0.000 se
13	11:50:03	SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK') LIMIT 0...	3 row(s) returned	0.016 se
14	11:50:31	SELECT * FROM Persons WHERE Country_name NOT IN ('India','Australia') LIMIT...	8 row(s) returned	0.000 se
15	11:51:00	SELECT * FROM Country WHERE Population BETWEEN 500000 AND 1000000 L...	0 row(s) returned	0.000 se

Object Info Session

Navigator | SCHEMAS | Query 1 | SQL File 4*

SCHEMAS

Filter objects

▼ entri_dsml_d36
  ▼ Tables
    ▶ country
    ▶ persons
    Views
    Stored Procedures
    Functions
  ▼ sales
    Tables
    Views
    Stored Procedures
    Functions
  ▶ school

Administration Schemas

Information

Schema: entri_dsml_d36

```
82 •  SELECT * FROM Country WHERE Population BETWEEN 500000 AND 1000000;
83
84    # 10)Find all countries whose names do not start with 'C'.
85
86 •  SELECT * FROM Country WHERE Country_name NOT LIKE 'C%';
```

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

Id	Country_name	Population	Area
1	USA	331000000	California
2	India	1380000000	Maharashtra
4	Australia	25600000	New South Wales
5	UK	67000000	London
6	Germany	83000000	Bavaria
7	France	67000000	Île-de-France

Country 12 ×

Apply Revert Context Help Snippets

SQL Additions

Jump to

Automatic context help is
disabled. Use the toolbar to
manually get help for the
current caret position or to
toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	11:49:11	SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5 LIMIT ...	4 row(s) returned	0.000 sec / 0.000 se
12	11:49:34	SELECT * FROM Persons WHERE Country_name = 'NULL' LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 se
13	11:50:03	SELECT * FROM Persons WHERE Country_name IN('USA', 'Canada','UK') LIMIT 0...	3 row(s) returned	0.016 sec / 0.000 se
14	11:50:31	SELECT * FROM Persons WHERE Country_name NOT IN ('India','Australia') LIMIT...	8 row(s) returned	0.000 sec / 0.000 se
15	11:51:00	SELECT * FROM Country WHERE Population BETWEEN 500000 AND 1000000 L...	0 row(s) returned	0.000 sec / 0.000 se
16	11:51:26	SELECT * FROM Country WHERE Country_name NOT LIKE 'C%' LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 se

Object Info Session