

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entri\_d41

Tables

customers

dance\_students

emoloyees

employees

managers

music\_students

orders

parent\_name

participants

players

products

selected\_students

Administration

Schemas

sql1\*

sql2

sql assignment 2

sql joins

SQL File 6

Sql assignment 4

built in fn

user\_defined\_fn

Limit to 1000 rows

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📄

1

2

3

4

5

6

Create table country (Id int not null primary key, Country\_name varchar(15) not null, Population int not null,Area dec(10,2) not null );

desc country;

create table Persons(Id int not null primary key,Pname varchar(15) not null ,

Result Grid

Filter Rows:

Exports

Wrap Cell Contents:

Field	Type	Null	Key	Default	Extra
Id	int	NO	PRI		
Country_name	varchar(15)	NO			
Population	int	NO			
Area	decimal(10,2)	NO			

Result 1

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	18:19:13	Create table country (Id int not null primary key, Country_name varchar(15) not null, Population int not null,Area dec...	0 row(s) affected	0.063 sec
2	18:19:16	desc country	4 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

Result Grid

Form Editor

Field Types

Query State

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entri\_d41

Tables

- customers
- dance\_students
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 Sql assignment 4 x built in fn user\_defined\_fn

Limit to 1000 rows

```
5
6 • create table Persons(Id int not null primary key,Fname varchar(15) not null ,
7   Lname varchar(15) not null,Population int not null ,Rating float not null ,
8   Country_id varchar(5) not null,Country_name varchar(20) );
9
10 • desc persons;
```

Result Grid

Field	Type	Null	Key	Default	Extra
Id	int	NO	PRI		
Fname	varchar(15)	NO			
Lname	varchar(15)	NO			
Population	int	NO			
Rating	float	NO			
Country_id	varchar(5)	NO			
Country_name	varchar(20)	YES			

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	18:19:13	Create table country (Id int not null primary key, Country_name varchar(15) not null, Population int not null,Area dec...	0 row(s) affected	0.063 sec
2	18:19:16	desc country	4 row(s) returned	0.000 sec / 0.000 sec
3	18:19:29	create table Persons(Id int not null primary key,Fname varchar(15) not null , Lname varchar(15) not null,Population ...	0 row(s) affected	0.031 sec
4	18:19:32	desc persons	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator [localhost:3306](#)

SCHEMAS

Filter objects

▼ entri\_d41

Tables

- customers
- dance\_students
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

Information

No object selected

Object Info Session

sql1\* sql2 sql assignment 2 sql joins SQL File 5 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
21 (206,'Nigeria', 2180000 , 923768 ),
22 (207,'Bangladesh', 8000000 , 148571 ),
23 (208,'Russia', 144000000 , 17125191 ),
24 (209,'Australia', 260000 , 7692024 );
25
26 * select * from country;
```

Result Grid

	Id	Country_name	Population	Area
▶	200	China	1400000000	9600000.00
	201	India	1400000000	3300000.00
	202	United States	335000000	9800000.00
	203	Indonesia	277000	1900000.00
	204	Brazil	215000000	8400000.00
	205	Pakistan	235000000	881913.00
	206	Nigeria	2180000	923768.00
	207	Bangladesh	8000000	148571.00
	208	Russia	144000000	17125191.00
	209	Australia	260000	7692024.00
*	2009	2009	2009	2009

country 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 2	18:19:16	desc country	4 row(s) returned	0.000 sec / 0.000 sec
✓ 3	18:19:29	create table Persons(Id int not null primary key,Fname varchar(15) not null , Lname varchar(15) not null,Populatio...	0 row(s) affected	0.031 sec
✓ 4	18:19:32	desc persons	7 row(s) returned	0.000 sec / 0.000 sec
✓ 5	18:19:51	insert into Country(Id,Country_name,Population,Area)values (200,'China' , 1400000000 , 96000000) , (201,'India'...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
✓ 6	18:19:54	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec



Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

entri\_d41

- customers
- dance\_students
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
38 ( 10 , 'Liam', 'Miller', 300000 , 3.6, 'MX', 'Mexico' );
39
40 • SELECT * FROM PERSONS;
41
42 -- (1) List the distinct country names from the Persons
43 • SELECT DISTINCT Country_name FROM PERSONS;
44
```

Result Grid

Country_name
USA
Canada
Australia
China
UK
India
Japan
Mexico

PERSONS 5 x

Read Only

Output

#	Time	Action	Message	Duration / Fetch
5	18:19:51	insert into Country(id, Country_name, Population, Area) values (200, 'China', 1400000000, 9600000); ( 201, 'India', ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
6	18:19:54	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
7	18:20:08	insert into persons(id, Fname, Lname, Population, Rating, Country_id, Country_name) values (1, 'John', 'Doe', 100000, ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
8	18:20:10	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	18:20:25	SELECT DISTINCT Country_name FROM PERSONS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

SCHMAS

entri\_d41

- Tables
  - customers
  - dance\_students
  - emoloyees
  - employees
  - managers
  - music\_students
  - orders
  - parent\_name
  - participants
  - players
  - products
  - selected\_students

Administration Schemas

No object selected

sql1\* sql2 sql assignment.2 sql joins SQL File 6 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
41
42 -- (1)List the distinct country names from the Persons
43 • SELECT DISTINCT Country_name FROM PERSONS;
44
45 -- (2)Select first names and last names from the Persons table with aliases.
46 • Select Fname AS First_names,Lname as Last_names from persons;
```

Result Grid

First_names	Last_names
John	Doe
Jane	Smith
Michael	Johnson
Emily	Davis
Ethan	Lee
Olivia	Martinez
Ava	Williams
Sophia	Alex
Isabella	Jones
Liam	Miller

persons 6 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	18:19:54	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
7	18:20:08	insert into persons(id,Fname,Lname,Population,Rating,Country_id,Country_name)values (1,'John','Doe',1000000...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
8	18:20:10	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	18:20:25	SELECT DISTINCT Country_name FROM PERSONS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
10	18:20:41	Select Fname AS First_names,Lname as Last_names from persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entri\_d41

Tables

- customers
- dance\_students
- employees
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
44
45 -- (2)Select first names and last names from the Persons table with aliases.
46 • Select FName AS First_names,Lname as Last_names from persons;
47
48 -- (3)Find all persons with a rating greater than 4.0
49 • select * from persons where rating>4.0;
50
```

Result Grid

	Id	Fname	Lname	Population	Rating	Country_id	Country_name
▶	1	John	Doe	1000000	4.5	US	USA
	3	Michael	Johnson	800000	4.2	AU	Australia
	5	Ethan	Lee	900000	4.7	CN	China
	7	Ava	Williams	1200000	4.8	UK	UK
	9	Isabella	Jones	1500000	4.9	JP	Japan
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL

persons 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 7	18:20:08	Insert into persons(Id,Fname,Lname,Population,Rating,Country_id,Country_name)values (1,'John','Doe',1000000...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
✓ 8	18:20:10	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 9	18:20:25	SELECT DISTINCT Country_name FROM PERSONS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 10	18:20:41	Select FName AS First_names,Lname as Last_names from persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 11	18:20:55	select * from persons where rating>4.0 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session



Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

entri\_d41

- Tables
  - customers
  - dance\_students
  - employees
  - employees
  - managers
  - music\_students
  - orders
  - parent\_name
  - participants
  - players
  - products
  - selected\_students
- Administration
- Schemas

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 Sql assignment 4 x built in fn user\_defined\_fn

Limit to 1000 rows

```
50
51
52 -- (4)Find countries with a population greater than 10 lakhs.
53 * select Country_name,Population from country where Population>1000000;
54
55
```

Result Grid Filter Rows: Exports Wrap Cell Contents

Country_name	Population
China	1400000000
India	1400000000
United States	335000000
Brazil	215000000
Pakistan	235000000
Nigeria	2180000
Bangladesh	8000000
Russia	144000000

country 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 8	18:20:10	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 9	18:20:25	SELECT DISTINCT Country_name FROM PERSONS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 10	18:20:41	Select FName AS First_names, Lname as Last_names from persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 11	18:20:55	select * from persons where rating>4.0 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 12	18:21:09	select Country_name,Population from country where Population>1000000 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

Object Info Session



Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator Local instance MySQL80 x

SCHMAS

Filter objects

▼ entri\_d41

▼ Tables

- customers
- dance\_students
- employees
- employes
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 Sol assignment4 x built in fn user\_defined\_fn

Limit to 1000 rows

```
53 • select Country_name,Population from country where Population>1000000;
54
55
56 -- (5)Find persons who are from 'USA' or have a rating greater than 4.5.
57 • select Fname,Lname,Rating from persons where Country_name='USA' OR Rating>4.5;
58
```

Result Grid Filter Rows: Exports Wrap Cell Content: 17

Fname	Lname	Rating
John	Doe	4.5
Ethan	Lee	4.7
Ava	Williams	4.8
Isabella	Jones	4.9

persons 9 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	18:20:25	SELECT DISTINCT Country_name FROM PERSONS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
10	18:20:41	Select Fname AS First_names,Lname as Last_names from persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
11	18:20:55	select * from persons where rating>4.0 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
12	18:21:09	select Country_name,Population from country where Population>1000000 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
13	18:21:24	select Fname,Lname,Rating from persons where Country_name='USA' OR Rating>4.5 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

▼ entri\_d41

- Tables
  - customers
  - dance\_students
  - employees
  - employees
  - managers
  - music\_students
  - orders
  - parent\_name
  - participants
  - players
  - products
  - selected\_students

Administration Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 5 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
55
56 -- (5)Find persons who are from 'USA' or have a rating greater than 4.5.
57 • select FName,LName,Rating from persons where Country_name='USA' OR Rating>4.5;
58
59 -- (6)Find all persons where the country name is NULL.
60 • SELECT * FROM persons where Country_name is NULL;
61
```

Result Grid

	Id	Fname	Lname	Population	Rating	Country_id	Country_name
▶	4	Emily	Davis	700000	4	BR	NULL
6	Olive	Martinez	600000	3.9	FR	NULL	NULL
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL

persons 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 10	18:20:41	Select FName AS First_names,Lname as Last_names from persons LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 11	18:20:55	select * from persons where rating>4.0 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 12	18:21:09	select Country_name,Population from country where Population>1000000 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
✓ 13	18:21:24	select FName,Lname,Rating from persons where Country_name='USA' OR Rating>4.5 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 14	18:21:49	SELECT * FROM persons where Country_name is NULL LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

entri\_d41

Tables

- customers
- dance\_students
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
58
59 -- (6)Find all persons where the country name is NULL.
60 • SELECT * FROM persons where Country_name is NULL;
61
62 -- (7)Find all persons from the countries 'USA', 'Canada', and 'UK'.
63 • Select * from persons where Country_name in ('USA','Canada','UK');
64
```

Result Grid

Id	Fname	Lname	Population	Rating	Country_id	Country_name
1	John	Doe	1000000	4.5	US	USA
2	Jane	Smith	500000	3.8	CA	Canada
7	Ava	Williams	1200000	4.8	UK	UK
•	NULL	NULL	NULL	NULL	NULL	NULL

persons 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 11	18:20:55	select * from persons where rating>4.0 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 12	18:21:09	select Country_name,Population from country where Population>1000000 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
✓ 13	18:21:24	select Fname,Lname,Rating from persons where Country_name='USA' OR Rating>4.5 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 14	18:21:49	SELECT * FROM persons where Country_name is NULL LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec
✓ 15	18:22:01	Select * from persons where Country_name in ('USA','Canada','UK') LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator [www.mysql.com/doc/relnotes/mysql/8.0/en/mysql-8-0-new-features.html](#)

Filter objects

entri\_d41

Tables

- customers
- dance\_students
- employees
- employes
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

Administration Schemas

No object selected

Information [www.mysql.com/doc/relnotes/mysql/8.0/en/mysql-8-0-new-features.html](#)

sql1\* sql2 sql assignment 2 sql joins SQL File 6 Sol assignment 4 x built in fn user\_defined\_fn

Limit to 1000 rows

```
61
62 -- (7)Find all persons from the countries 'USA', 'Canada', and 'UK'.
63 • Select * from persons where Country_name in ('USA','Canada','UK');
64
65 -- (8)Find all persons not from the countries 'India' and 'Australia'.
66 • Select * from persons where Country_name NOT in ('India','Australia');
67
```

Result Grid

	Id	Fname	Lname	Population	Rating	Country_id	Country_name
▶	1	John	Doe	1000000	4.5	US	USA
	2	Jane	Smith	500000	3.8	CA	Canada
	5	Ethan	Lee	900000	4.7	CN	China
	7	Ava	Williams	1200000	4.8	UK	UK
	9	Isabella	Jones	1500000	4.9	JP	Japan
	10	Liam	Miller	300000	3.6	MX	Mexico

persons 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 12	18:21:09	select Country_name,Population from country where Population>1000000 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
✓ 13	18:21:24	select Fname,Lname,Rating from persons where Country_name='USA' OR Rating>4.5 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 14	18:21:49	SELECT * FROM persons where Country_name is NULL LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec
✓ 15	18:22:01	Select * from persons where Country_name in ('USA','Canada','UK') LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✓ 16	18:22:17	Select * from persons where Country_name NOT in ('India','Australia') LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object: Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator Filter objects

SCHEMAS

▼ entri\_d41

▼ Tables

- customers
- dance\_students
- emoloyees
- employees
- managers
- music\_students
- orders
- parent\_name
- participants
- players
- products
- selected\_students

sql1\* sql2 sql assignment 2 sql joins SQL File 6 **Sql assignment 4** built in fn user\_defined\_fn

Limit to 1000 rows

```
64
65 -- (8)Find all persons not from the countries 'India' and 'Australia'.
66 • Select * from persons where Country_name NOT in ('India','Australia');
67
68 -- (9)Find all countries with a population between 5 lakhs and 20 lakhs.
69 • select * from country where Population between 500000 and 2000000;
```

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

	Id	Country_name	Population	Area
*	NULL	NULL	NULL	NULL

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Create a new SQL tab for executing queries

SCHEMAS

Filter objects

▼ entri\_d41

- Tables
  - customers
  - dance\_students
  - employees
  - managers
  - music\_students
  - orders
  - parent\_name
  - participants
  - players
  - products
  - selected\_students
- Administration
- Schemas

Information

No object selected

sql1\* sql2 sql assignment 2 sql joins SQL File 6 **Sql assignment 4** x built in fn user\_defined\_fn

Limit to 1000 rows

```
67
68 -- (9)Find all countries with a population between 5 lakhs and 20 lakhs.
69 • select * from country where Population between 500000 and 2000000;
70
71 -- (10)Find all countries whose names do not start with 'C'.
72 • select * from COUNTRY where Country_name NOT like 'C%';
--
```

Result Grid

	Id	Country_name	Population	Area
▶	201	India	1400000000	3300000.00
	202	United States	335000000	9800000.00
	203	Indonesia	277000	1900000.00
	204	Brazil	215000000	8400000.00
	205	Pakistan	235000000	881913.00
	206	Nigeria	2180000	923768.00
	207	Bangladesh	8000000	148571.00
	208	Russia	144000000	17125191.00
	209	Australia	260000	7692024.00
•	2010	2010	2010	2010

Country 15 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 15	18:22:01	Select * from persons where Country_name in ('USA','Canada','UK') LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✓ 16	18:22:17	Select * from persons where Country_name NOT in ('India','Australia') LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓ 17	18:22:41	select * from country where Population between 500000 and 2000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 18	18:23:21	select * from country where Population between 500000 and 2000000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 19	18:23:53	select * from COUNTRY where Country_name NOT like 'C%'; LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec

Object Info Session