

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

entri\_d41

- 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 assignment 5\*** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
1 Create table country (Id int not null primary key, Country_name varchar(15) not null,
2 Population int not null,Area int not null );
3
4 desc country;
5
6 create table Persons(Id int not null primary key, Fname varchar(15) not null ,
```

Result Grid Filter Rows: Exports Wrap Cell Content:

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

Result 2 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:35:59	Create table country (Id int not null primary key, Country_name varchar(15) not null, Population int not null, Area int ...	0 row(s) affected	0.016 sec
2	19:36:04	desc country	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80

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Navigator

Create a new schema in the connected server

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

Information

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

Limit to 1000 rows

```
6 • create table Persons(Id int not null primary key,Fname varchar(15) not null ,
7   Lname varchar(15),Population int not null ,Rating float not null ,
8   Country_id varchar(5) not null,Country_name varchar(20) );
9
10 • desc persons;
11
```

Result Grid

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

Result 3

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:35:59	Create table country (Id int not null primary key, Country_name varchar(15) not null, Population int not null, Area int ...	0 row(s) affected	0.016 sec
2	19:36:04	desc country	4 row(s) returned	0.000 sec / 0.000 sec
3	19:36:16	create table Persons(Id int not null primary key,Fname varchar(15) not null , Lname varchar(15),Population int not ...	0 row(s) affected	0.016 sec
4	19:36:20	desc persons	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

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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

Information [www.mysql.com/doc/](http://www.mysql.com/doc/)

No object selected

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

Limit to 1000 rows

```
22 (207,'Bangladesh',80000, 148571) ,
23 (208,'Russia',1440000, 17125191) ,
24 (209,' Australia',260000,7692024) ;
25
26 * select * from country;
27
```

Result Grid

	Id	Country_name	Population	Area
▶	200	China	1400000	9600000
	201	India	1400000	3300000
	202	United States	335000	9800000
	203	Indonesia	277000	1900000
	204	Brazil	215000	8400000
	205	Pakistan	2350000	881913
	206	Nigeria	21800	923768
	207	Bangladesh	80000	148571
	208	Russia	1440000	17125191
	209	Australia	260000	7692024
*	NULL	NULL	NULL	NULL

country 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 2	19:35:04	desc country	4 row(s) returned	0.000 sec / 0.000 sec
✓ 3	19:35:16	create table Persons(Id int not null primary key,Fname varchar(15) not null , Lname varchar(15) ,Population int no...	0 row(s) affected	0.016 sec
✓ 4	19:35:20	desc persons	7 row(s) returned	0.000 sec / 0.000 sec
✓ 5	19:35:38	insert into Country(Id,Country_name,Population,Area)values (200,'China' , 1400000, 9600000) , (201,'India', 140...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
✓ 6	19:35:41	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Navigator [www.mysql.com/doc/relnotes/mysql/8.0/en/](#)

SCHEMAS

Filter objects

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Tables

- customers
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- employees
- employees
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- participants
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- products
- selected\_students

Administration Schemas

Information [www.mysql.com/doc/relnotes/mysql/8.0/en/](#)

No object selected

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

Limit to 1000 rows

```
36 ('Sophia','Alex' , 400000 , 3.7,'IN' , 'India'),
37 ('Isabella','Jones', 15000 , 4.9,'JP' , 'Japan'),
38 ( 10 , 'Liam', 'Miller', 30000 , 3.6,'MX' , 'Mexico');
39
40 • SELECT * FROM PERSONS;
41 -- 1. Write an SQL query to print the first three characters of Country_name from the Country table.
```

Result Grid

	Id	Fname	Lname	Population	Rating	Country_id	Country_name
▶	1	John	Doe	10000	4.5	US	USA
	2	Jane	Smith	9000	3.8	CA	Canada
	3	Michael	Johnson	800000	4.2	AU	Australia
	4	Emily	Davis	7000	4	CA	Canada
	5	Ethan	Lee	9000	4.7	CN	China
	6	Olivia	Martinez	600000	3.9	US	USA
	7	Ava	Williams	12000	4.8	UK	UK
	8	Sophia	Alex	400000	3.7	IN	India
	9	Isabella	Jones	15000	4.9	JP	Japan
	10	Liam	Miller	30000	3.6	MX	Mexico
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

PERSONS 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
4	19:36:20	desc persons	7 row(s) returned	0.000 sec / 0.000 sec
5	19:36:38	insert into Country(Id,Country_name,Population,Area)values (200,'China' , 1400000, 9600000) , (201,'India', 140...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
6	19:36:41	select *from country LIMIT 0,1000	10 row(s) returned	0.000 sec / 0.000 sec
7	19:36:53	insert into persons(Id,Fname,Lname,Population,Rating,Country_id,Country_name)values (1,'John','Doe', 10000 ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
8	19:36:56	SELECT * FROM PERSONS LIMIT 0,1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

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Navigator

SCHEMAS

Filter objects

▼ entri\_d41

Tables

- customers
- dance\_students
- employees
- employees2
- 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 assignment 5\*** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
38 ( 10 , 'Liam', 'Miller', 30000 , 3.6, 'MX', 'Mexico');
39
40 • SELECT * FROM PERSONS;
41 -- 1. Write an SQL query to print the first three characters of Country_name from the Country table.
42 • select Country_name, substring(Country_name,1,3) as First_3_char from country;
43
```

Result Grid

Country_name	First_3_char
China	Chi
India	Ind
United States	Uni
Indonesia	Ind
Brazil	Bra
Pakistan	Pak
Nigeria	Nig
Bangladesh	Ban
Russia	Rus
Australia	Au

Result 6 x

Read Only

Output

#	Time	Action	Message	Duration / Fetch
5	19:36:38	insert into Country(id, Country_name, Population, Area) values (200, 'China', 1400000, 9600000); (201, 'India', 140...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
6	19:36:41	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
7	19:36:53	insert into persons(id, f_name, l_name, Population, Rating, Country_id, Country_name) values (1, 'John', 'Doe', 10000 ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
8	19:36:56	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	19:37:27	select Country_name, substring(Country_name,1,3) as First_3_char from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80

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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 assignment 5\*** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

41 -- 1. Write an SQL query to print the first three characters of Country\_name from the Country table.

42 • select Country\_name,substring(Country\_name,1,3) as First\_3\_char from country;

43

44 -- 2. Write an SQL query to concatenate first name and last name from Persons table.

45 • select Fname,Lname, concat(Fname,' ',Lname) as Fullname from persons;

46

Result Grid

Filter Rows:

Export

Wrap Cell Content:

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

Result 7

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	19:36:41	select * from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
7	19:36:53	insert into persons(id,Fname,Lname,Population,Rating,Country_id,Country_name)values (1,'John','Doe',10000 ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
8	19:36:56	SELECT * FROM PERSONS LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	19:37:27	select Country_name,substring(Country_name,1,3) as First_3_char from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
10	19:37:54	select Fname,Lname, concat(Fname,' ',Lname) as Fullname from persons LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec

Object Info

Session

Local instance MySQL80 x

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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 assignment 5\*** x Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
44 -- 2. Write an SQL query to concatenate first name and last name from Persons table.
45 * select FName,Lname, concat(FName, ' ',Lname) as Fullname from persons;
46
47 -- 3. Write an SQL query to count the number of unique country names from Persons table.
48 * select count( distinct Country_name) from persons;
49
```

Result Grid

count( distinct Country_name)
8

Filter Rows: Exports: Wrap Cell Contents

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	19:37:27	select Country_name.substr(Country_name,1,3) as First_3_char from country LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
10	19:37:54	select FName,Lname, concat(FName, ' ',Lname) as Fullname from persons LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
11	19:38:20	select distinct count(Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
12	19:38:59	select count(distinct Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
13	19:40:23	select count(distinct Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session



Local instance MySQL80

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

Information

No object selected

sql1

sql2

sql assignment 2

sql joins

Sql assignment 5

Sql assignment 4

built in fn

user\_defined\_fn

subquery

47

-- 3. Write an SQL query to count the number of unique country names from Persons table.

48

select count( distinct Country\_name) from persons;

49

50

-- 4. Write a query to print the maximum population from the Country table.

51

select max(Population) as Maximum\_population from country;

52

Result Grid

Filter Rows:

Exports

Wrap Cell Content:

Maximum\_population

2350000

Result 11

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 10	19:37:54	select FName,Lname, concat(FName,'',Lname) as Fullname from persons LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
✓ 11	19:38:20	select distinct count(Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 12	19:38:59	select count( distinct Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 13	19:40:23	select count( distinct Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 14	19:40:33	select max(Population) as Maximum_population from country LIMIT 0, 1000	1 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

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 assignment 5" x Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
50 -- 4. Write a query to print the maximum population from the Country table.
51 * select max(Population) as Maximum_population from country;
52
53 -- 5. Write a query to print the minimum population from Persons table.
54 * select min(Population) as Minimum_population from persons;
55
```

Result Grid

Minimum_population
7000

Filter Rows: Export: Wrap Cell Content: I

Result Grid  
Form Editor  
Field Types

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
  - 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 assignment 5\*** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
56 -- 6. Insert 2 new rows to the Persons table making the Lname NULL.
57 -- Then write another query to count Lname from Persons table.
58 • insert into persons VALUES (11,'Lia', NULL, 65000,5.9,'DXB','Dubai'),
59 ( 12,'Rose', NULL, 50000,4.6,'CA','Canada');
60 • SELECT COUNT(Lname) as Notnull_Lname_count FROM persons;
61
```

Result Grid

Notnull_Lname_count
10

Result 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 13	19:40:23	select count(distinct Country_name) from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 14	19:40:33	select max(Population) as Maximum_population from country LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 15	19:40:45	select min(Population) as Minimum_population from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 16	19:41:17	insert into persons VALUES (11,'Lia', NULL, 65000,5.9,'DXB','Dubai'), (12,'Rose', NULL, 50000,4.6,'CA','Canada');	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.000 sec
✓ 17	19:41:22	SELECT COUNT(Lname) as Notnull_Lname_count FROM persons LIMIT 0, 1000	1 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
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- selected\_students

Administration Schemas

No object selected

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

Limit to 1000 rows

```
59 ( 12 , 'Rose' , NULL , 50000 , 4.6 , 'CA' , 'Canada' );
60 * SELECT COUNT(Lname) as Notnull_Lname_count FROM persons;
61
62 -- 7. Write a query to find the number of rows in the Persons table.
63 * Select count(Id) as Total_rows_count from persons;
64
```

Result Grid

Total_rows_count
12

Filter Rows: Exports Wrap Cell Contents

Result 14 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 14	19:40:33	select max(Population) as Maximum_population from country LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 15	19:40:45	select min(Population) as Minimum_population from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 16	19:41:17	insert into persons VALUES (11,'Lia', NULL, 65000,3.9,'DXB','Dubai'), ( 12,'Rose', NULL, 50000,4.6,'CA','Cana...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.000 sec
✓ 17	19:41:22	SELECT COUNT(Lname) as Notnull_Lname_count FROM persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 18	19:41:41	Select count(Id) as Total_rows_count from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

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Navigator

Filter objects

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Tables

customers

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Administration Schemas

No object selected

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

Limit to 1000 rows

65

66 -- 8. Write an SQL query to show the population of the Country table for

67 -- the first 3 rows. (Hint: Use LIMIT)

68 \* select Population from country limit 3;

69

70 -- 9. Write a query to print 3 random rows of countries.

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

Population

1400000

1400000

335000

country 15 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
15	19:40:45	select min(Population) as Minimum_population from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	19:41:17	insert into persons VALUES (11,'Lia', NULL, 65000,3.9,'DXB','Dubai'), (12,'Rose', NULL, 50000,4.6,'CA','Cana...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.000 sec
17	19:41:22	SELECT COUNT(lname) as Notnull_lname_count FROM persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	19:41:41	Select count(id) as Total_rows_count from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
19	19:41:55	select Population from country limit 3	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

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Navigation icons

Limit to 1000 rows

Schemas

Filter objects

centri\_d41

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customers

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parent\_name

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products

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Administration Schemas

Information

No object selected

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

68

•

select Population from country limit 3;

69

70

-- 9. Write a query to print 3 random rows of countries.

71

-- (Hint: Use rand() function and LIMIT)

72

•

select \* from country order by rand() limit 3;

73

Result Grid

Filter Rows

Edit

Export/Import

Wrap Cell Content

Fetch rows

	Id	Country_name	Population	Area
▶	204	Brazil	215000	8400000
	206	Nigeria	21800	923768
	201	India	1400000	3300000

country 16 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 16	19:41:17	insert into persons VALUES (11,'Lia', NULL, 65000,3.9,'DXB','Dubai'), (12,'Rose', NULL, 50000,4.6,'CA','Cana...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.000 sec
✓ 17	19:41:22	SELECT COUNT(Lname) as Notnul_Lname_count FROM persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 18	19:41:41	Select count(Id) as Total_rows_count from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 19	19:41:55	select Population from country limit 3	3 row(s) returned	0.000 sec / 0.000 sec
✓ 20	19:42:10	select * from country order by rand() limit 3	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

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Navigator

Filter objects

entri\_d41

Tables

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

Information

No object selected

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

Limit to 1000 rows

```
71 -- (Hint: Use rand() function and LIMIT)
72 * select * from country order by rand() limit 3;
73
74 -- 10. List all persons ordered by their rating in descending order.
75 * select Fname,Lname,Rating from persons order by Rating desc;
76
```

Result Grid

	Fname	Lname	Rating
▶	Isabella	Jones	4.9
	Ava	Williams	4.8
	Ethan	Lee	4.7
	Rose	Miller	4.6
	John	Doe	4.5
	Michael	Johnson	4.2
	Emily	Davis	4
	Olivia	Martinez	3.9
	Lia	Miller	3.9
	Jane	Smith	3.8
	Sophia	Alex	3.7
	Liam	Miller	3.6

persons 17 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 17	19:41:22	SELECT COUNT(Lname) as Notnull_Lname_count FROM persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 18	19:41:41	Select count(Id) as Total_rows_count from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 19	19:41:55	select Population from country limit 3	3 row(s) returned	0.000 sec / 0.000 sec
✓ 20	19:42:10	select * from country order by rand() limit 3	3 row(s) returned	0.000 sec / 0.000 sec
✓ 21	19:42:25	select Fname,Lname,Rating from persons order by Rating desc LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

SCHMAS

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 assignment 5** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```

74 -- 10. List all persons ordered by their rating in descending order.
75 • select Fname,Lname,Rating from persons order by Rating desc;
76
77 -- 11. Find the total population for each country in the Persons table.
78 • select Country_name ,sum(Population) as Total_population from persons group by Country_name;
79

```

Result Grid

Country_name	Total_population
USA	610000
Canada	66000
Australia	800000
China	9000
UK	12000
India	400000
Japan	15000
Mexico	30000
Dubai	65000

Result 16

Output

Action Output

#	Time	Action	Message	Duration
18	19:41:41	Select count(id) as Total_rows_count from persons LIMIT 0, 1000	1 row(s) returned	0.000 sec
19	19:41:55	select Population from country limit 3	3 row(s) returned	0.000 sec
20	19:42:10	select * from country order by rand() limit 3	3 row(s) returned	0.000 sec
21	19:42:25	select Fname,Lname,Rating from persons order by Rating desc LIMIT 0, 1000	12 row(s) returned	0.000 sec
22	19:42:37	select Country_name ,sum(Population) as Total_population from persons group by Country_name LIMIT 0, 1000	9 row(s) returned	0.000 sec



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

Information

No object selected

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

Limit to 1000 rows

```
78 • select Country_name ,sum(Population) as Total_population from persons group by Country_name;
79
80 -- 12. Find countries in the Persons table with a total population greater than 50,000
81 • select Country_name ,sum(Population) as Total_population from persons group by Country_name
82   having Total_Population > 50000;
83
```

Result Grid

Country_name	Total_population
USA	610000
Canada	660000
Australia	800000
India	400000
Dubai	65000

Result 19 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 19	19:41:55	select Population from country limit 3	3 row(s) returned	0.000 sec / 0.000 sec
✓ 20	19:42:10	select * from country order by rand() limit 3	3 row(s) returned	0.000 sec / 0.000 sec
✓ 21	19:42:25	select FName,LName,Rating from persons order by Rating desc LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 22	19:42:37	select Country_name ,sum(Population) as Total_population from persons group by Country_name LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 23	19:43:44	select Country_name ,sum(Population) as Total_population from persons group by Country_name having Total_...	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

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 assignment 5\*** Sql assignment 4 built in fn user\_defined\_fn subquery

Limit to 1000 rows

```
86 -- but only for countries with more than 2 persons, ordered by the average
87 -- rating in ascending order.
88 • Select Country_name,count(*) as Total_num_of_persons,avg(Rating) as
89 Average_rating from persons
90 group by Country_name having count(*)>2 order by Average_rating asc;
91
```

Result Grid

Country_name	Total_num_of_persons	Average_rating
Canada	3	4.133333285649617

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
20	19:42:10	select * from country order by rand() limit 3	3 row(s) returned	0.000 sec / 0.000 sec
21	19:42:25	select FName,LName,Rating from persons order by Rating desc LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
22	19:42:37	select Country_name,sum(Population) as Total_population from persons group by Country_name LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
23	19:43:44	select Country_name,sum(Population) as Total_population from persons group by Country_name having Total_...	5 row(s) returned	0.000 sec / 0.000 sec
24	19:43:59	Select Country_name count(*) as Total_num_of_persons,avg(Rating) as Average_rating from persons group by ...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session