

# Exercise\_1

sqlinstaller unconnected

File Edit View Query Database Server Tools Scripting Help

Navigator

mydb\_1 SQL File 1 mydb\_1

SCHEMAS

Filter objects

hotel management system

- Tables
- customers
- Views
- Stored Procedures
- Functions

sys

1 • show databases;

2 • create table customers;

3 • select \* from customers;

4 • INSERT INTO customers (Cust\_ID, Cust\_Name, Cust\_City, Cust\_RoomNo, CheckInTime) values(1,'Tom','Newyork',101,2023-05-20);

5 • INSERT INTO customers (Cust\_ID, Cust\_Name, Cust\_City, Cust\_RoomNo, CheckInTime) values(2,'Robert','Newjersy',102,2023-05-20);

6 • INSERT INTO customers (Cust\_ID, Cust\_Name, Cust\_City, Cust\_RoomNo, CheckInTime) values(3,'jerry','california',103,2022-01-20);

7 • INSERT INTO customers (Cust\_ID, Cust\_Name, Cust\_City, Cust\_RoomNo, CheckInTime) values(4,'george','chicago',104,2020-05-23);

8 • INSERT INTO customers (Cust\_ID, Cust\_Name, Cust\_City, Cust\_RoomNo, CheckInTime) values(5,'william','Texas',105,2022-01-23);

9 • select \* from customers;

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

Cust_ID	Cust_Name	Cust_City	Cust_RoomNo	CheckInTime
1	Tom	Newyork	101	2023-02-05 00:00:00
2	Robert	Newjersy	102	2008-07-04 00:00:00
3	jerry	california	103	2022-01-20 00:00:00
4	george	chicago	104	2020-05-23 00:00:00
5	william	Texas	105	2022-01-23 00:00:00

Result Grid Form Editor

Administration Schemas

Information

No object selected

customers 1

Output

Action Output

#	Time	Action
1	19:09:11	select *from customers LIMIT 0, 1000

Message

5 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

Object Info Session

Ready

23°F Clear

7:19 PM 2/5/2023

# Output for distinct and count

MySQL Workbench

sqlinstaller unconnected

File Edit View Query Database Server Tools Scripting Help

Navigator SQL File 1\* mydb\_1

SCHEMAS Filter objects

hotel management system

- Tables
  - customers
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
  - Views
  - Stored Procedures
  - Functions
- sys

Administration Schemas

Information

No object selected

SQL File 1\* mydb\_1

1 • select \* from customers2;  
2 • select distinct City from customers2;

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

City
Berlin
México D.F.
London
Luleå
Mannheim
Strasbourg
Madrid
Marseille
Tsawassen
Buenos Aires
Bern
São Paulo
Aachen
Nantes

Result Grid Form Editor Field Types Query Stats

customers2 17 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:19:56	select distinct City from customers2 LIMIT 0, 1000	69 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

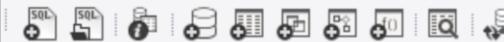
Query Completed

22°F Clear 8:21 PM 2/5/2023

Search

Jump to

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



Navigator: SQL File 1\* x mydb\_1

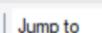
## SCHEMAS

- Filter objects
- hotel management system
  - Tables
    - customers
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
    - Views
    - Stored Procedures
    - Functions
  - sys

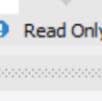
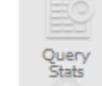
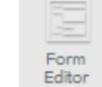
```
1 • select * from customers2;
2 • select count(distinct city) from customers2;
```

Result Grid	
	count(distinct city)
	69

SQLAdditions .....



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



Administration Schemas

Information

No object selected

Result 19 x

Read Only

Context Help Snippets

Output

Action Output

#	Time	Action
1	20:27:48	select count(distinct city)from customers2 LIMIT 0, 1000

Message

1 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

Object Info Session

Query Completed

# Highest and least quantity

unconnected ×

Query Database Server Tools Scripting Help

SQL File 1\* × mydb\_1

Limit to 1000 rows | Jump to

1 • select max(Quantity) AS highestnumber from order\_details;

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

highestnumber
120

Result Grid Form Editor Field Types Query Stats

Result 24 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:47:23	select max(Quantity) AS highestnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

Search

8:51 PM 2/5/2023

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

unconnected ×

View Query Database Server Tools Scripting Help

SQL File 1\* × mydb\_1

Limit to 1000 rows | Jump to

```
1 • select min(Quantity) AS leastnumber from order_details;
```

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

leastnumber
1

Result Grid Form Editor Field Types Query Stats

Schemas

selected

Result 26 ×

Output

Action Output

#	Time	Action	Message	Duration / F
1	20:47:23	select max(Quantity) AS highestnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.0
2	20:53:49	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.0
3	20:53:51	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.0

Session

ed

8:54 PM 2/5/2023



Search

8:54 PM  
2/5/2023

Total and avg of quantity

unconnected

Query Database Server Tools Scripting Help

SQL File 1\* mydb\_1

Limit to 1000 rows

1 select avg(Quantity) from order\_details;

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

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

avg(Quantity)
24.6004

Result Grid

Form Editor

Field Types

Query Stats

Result 27

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:47:23	select max(Quantity) AS highestnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
2	20:53:49	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
3	20:53:51	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
4	21:03:01	select avg(Quantity) from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

Search

9:03 PM 2/5/2023

bench

aller x unconnected x

New Query Database Server Tools Scripting Help

SQL File 1\* x mydb\_1

Limit to 1000 rows

1 select sum(Quantity) from order\_details;

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

sum(Quantity)
12743

Form Editor

Field Types

Query Stats

Schemas

selected

Result 28 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:47:23	select max(Quantity) AS highestnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
2	20:53:49	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
3	20:53:51	select min(Quantity) AS leastnumber from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
4	21:03:01	select avg(Quantity) from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
5	21:07:03	select sum(Quantity) from order_details LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Output

Session

d

9:07 PM 2/5/2023

Search

Cloud Refresh Wi-Fi Sound Battery 3

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

LIMIT

unconnected

Query Database Server Tools Scripting Help

SQL File 1\* mydb\_1

Limit to 1000 rows

1  
2 • select ProductName from products limit 11 OFFSET 4;  
3

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

ProductName
Chef Anton's Gumbo Mix
Grandma's Boysenberry Spread
Uncle Bob's Organic Dried Pears
Northwoods Cranberry Sauce
Mishi Kobe Niku
Ikura
Queso Cabrales
Queso Manchego La Pastora
Konbu
Tofu
Genen Shouyu

Result Grid Form Editor Field Types Query Stats

products 39

Action Output

#	Time	Action	Message	Duration / Fetch
1	21:39:40	select ProductName from products limit 11 OFFSET 4	11 row(s) returned	0.000 sec / 0.000 sec

Output Context Help Snippets

Read Only

Search

9:39 PM 2/5/2023

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

Detail of supplier whose name has ‘a’ at the second position

encher x unconnected x

New Query Database Server Tools Scripting Help

Management system  
Customers  
Columns  
Indexes  
Foreign Keys  
Triggers  
Procedures  
Schemas selected  
Session

SQL File 1\* x mydb\_1

1 • select \* from suppliers  
2 WHERE SupplierName LIKE '\_a%';

Limit to 1000 rows | Filter Rows: | Export: | Wrap Cell Content: | 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.

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

	SupplierID	SupplierName	ContactName	Address	City	PostalCode	Country	Phone
▶	6	Mayumi's	Mayumi Ohno	92 Setsuko Chuo-ku	Osaka	545	Japan	(06) 431-7877
▶	7	Pavlova, Ltd.	Ian Devling	74 Rose St. Moonie Ponds	Melbourne	3058	Australia	(03) 444-2343
▶	22	Zaanse Snoepfabriek	Dirk Luchte	Verkoop Rijnweg 22	Zaandam	9999 ZZ	Netherlands	(12345) 1212
▶	23	Karkki Oy	Anne Heikkinen	Valtakatu 12	Lappeenranta	53120	Finland	(953) 10956
▶	25	Ma Maison	Jean-Guy Lauzon	2960 Rue St. Laurent	Montréal	H1J 1C3	Canada	(514) 555-9022
▶	26	Pasta Buttini s.r.l.	Giovanni Giudici	Via dei Gelsomini, 153	Salerno	84100	Italy	(089) 6547665
▶	28	Gai pâturage	Eliane Noz	Bat. B 3, rue des Alpes	Annecy	74000	France	38.76.98.06

Result Grid | Form Editor | Field Types | Query Stats

suppliers 46 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	21:52:52	select * from suppliers WHERE SupplierName LIKE '_a%' LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Search | Chrome | File Explorer | Microsoft Edge | Google Chrome | Task View | File Explorer | Firefox | Microsoft Edge | Power BI | P | 9:53 PM 2/5/2023

desc

unconnected

Query Database Server Tools Scripting Help

SQL File 1\* mydb\_1

Limit to 1000 rows

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

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

	OrderID	CustomerID	EmployeeID	OrderDate	ShipperID
▶	10443	66	8	1997-02-12	1
	10442	20	3	1997-02-11	2
	10440	71	4	1997-02-10	2
	10441	55	3	1997-02-10	2
	10439	51	6	1997-02-07	3
	10438	79	3	1997-02-06	2
	10436	7	3	1997-02-05	2
	10437	87	8	1997-02-05	1
	10435	16	8	1997-02-04	2
	10433	60	3	1997-02-03	3
	10434	24	3	1997-02-03	2
	10432	75	3	1997-01-31	2
	10430	20	4	1997-01-30	1
	10431	10	4	1997-01-30	2
	10439	27	2	1997-01-29	2

orders 54 × Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:11:30	select * from orders WHERE OrderDate between '1996-01-01' AND '1997-12-12' ORDER BY OrderDate DESC ...	196 row(s) returned	0.000 sec / 0.000 sec

Search

10:11 PM  
2/5/2023

Distinct and count

rench

ller x unconnected x

Query Database Server Tools Scripting Help

SQL File 1\* mydb\_1

Management system  
Customers  
Columns  
Indexes  
Foreign Keys  
Triggers  
Procedures  
Functions  
Schemas

selected

Session

SQL Additions

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

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid | Form Editor | Field Types | Query Stats

Result Grid

Result Grid

Form Editor

Field Types

Query Stats

Result 63 x

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:53:42	select count(DISTINCT city) from Customers2 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
2	22:54:47	select DISTINCT City from Customers2 LIMIT 0, 1000	69 row(s) returned	0.000 sec / 0.000 sec
3	22:59:15	select count(DISTINCT city) from Customers2 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Output

Read Only Context Help Snippets

Search

10:59 PM 2/5/2023

Exclude the name

unconnected

File Query Database Server Tools Scripting Help

SQL File 1\* mydb\_1

Management system

Customers

Columns

Indexes

Foreign Keys

Triggers

Procedures

Schemas

selected

Session

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

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

	EmployeeID	LastName	FirstName	BirthDate	Photo	Notes
▶	1	Rahul	Sharma	1968-12-08	EmpID1.pic	Education includes a BA in psychology from Colo...
2	Fuller	Copper		1952-02-19	EmpID2.pic	Andrew received his BTS commercial and a Ph.D...
3	Vivek	Desai		1963-08-30	EmpID3.pic	Janet has a BS degree in chemistry from Boston...
5	Buchanan	Steven		1955-03-04	EmpID5.pic	Steven Buchanan graduated from St. Andrews ...
6	Suyama	Joshi		1963-07-02	EmpID6.pic	Michael is a graduate of Sussex University (MA,...
8	Chagan	Kapoor		1958-01-09	EmpID8.pic	Laura received a BA in psychology from the Uni...
9	Dodsworth	Anne		1969-07-02	EmpID9.pic	Anne has a BA degree in English from St. Lawre...
10	Ram	Rastogi		1928-09-19	EmpID10.pic	An old chum.

Result Grid Form Editor Field Types Query Stats

employees 69 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	23:06:03	select * from employees WHERE LastName NOT IN ('sanjay','soniya') LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

Search

11:06 PM 2/5/2023

# Duplicate table



## Navigator

## SCHEMAS

Filter objects

## hotel management system

- Tables
  - customers
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
- Views
- Stored Procedures
- Functions

## sys

## Administration Schemas

## Information

No object selected

## SQL File 1\* x mydb\_1



```

1 •  create table supplierDetail AS select * from suppliers;
2 •  select * from supplierDetail;
3

```

## SQLAdditions

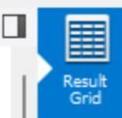


Automatic context help is disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

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

SupplierID	SupplierName	ContactName	Address	City	PostalCode	Country	Phone
1	Exotic Liquid	Charlotte Cooper	49 Gilbert St.	Londona	EC1 4SD	UK	(171) 555-2222
2	New Orleans Cajun Delights	Shelley Burke	P.O. Box 78934	New Orleans	70117	USA	(100) 555-4822
3	Grandma Kelly's Homestead	Regina Murphy	707 Oxford Rd.	Ann Arbor	48104	USA	(313) 555-5735
4	Tokyo Traders	Yoshi Nagase	9-8 Sekimai Musashino-shi	Tokyo	100	Japan	(03) 3555-5011
5	Cooperativa de Quesos 'Las Cabras'	Antonio del Valle Saavedra	Calle del Rosal 4	Oviedo	33007	Spain	(98) 598 76 54
6	Mayumi's	Mayumi Ohno	92 Setsuko Chuo-ku	Osaka	545	Japan	(06) 431-7877
7	Pavlova, Ltd.	Ian Devling	74 Rose St. Moonie Ponds	Melbourne	3058	Australia	(03) 444-2343
8	Specialty Biscuits, Ltd.	Peter Wilson	29 King's Way	Manchester	M14 GSD	UK	(161) 555-4448
9	PB Knäckebröd AB	Lars Peterson	Kaloadagatan 13	Göteborg	S-345 67	Sweden	031-987 65 43
10	Refrescos Americanas LTDA	Carlos Diaz	Av. das Americanas 12.890	São Paulo	5442	Brazil	(11) 555 4640
11	Heli Süßwaren GmbH & Co. KG	Petra Winkler	Tiergartenstraße 5	Berlin	10785	Germany	(010) 9984510
12	Plutzer Lebensmittelgroßmärkte AG	Martin Bein	Bogenallee 51	Frankfurt	60439	Germany	(069) 992755
13	Nord-Ost-Fisch Handelsgesellschaft...	Sven Petersen	Frahredder 112a	Cuxhaven	27478	Germany	(04721) 8713
14	Formaggi Fortini s.r.l.	Elio Rossi	Viale Dante, 75	Ravenna	48100	Italy	(0544) 60323
15	Norddeutsche Molkerei	Ronni Lohner	Bethmannstrasse 5	Frankfurt	60320	Germany	(069) 992010

supplierDetail 70 x



Result Grid



Form Editor



Field Types



Query Stats



Read Only



Context Help

Snippets

## Output

## Action Output

- | # | Time     | Action   |
|---|----------|--|
| 1 | 23:10:36 | create table supplierDetail AS select * from suppliers |
| 2 | 23:11:07 | select * from supplierDetail LIMIT 0, 1000             |

Message  
29 row(s) affected Records: 29 Duplicates: 0 Warnings: 0  
29 row(s) returned

Duration / Fetch  
0.031 sec  
0.000 sec / 0.000 sec

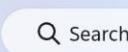
## Object Info Session

Query Completed



18° F

Clear



11:12 PM

2/5/2023

3

delete

