

localhost / MySQL / northwind_1400

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

Procedures

Tables

New

customers

employees

employee_privileges

inventory_transactions

inventory_transaction_1

invoices

orders

orders_status

orders_tax_status

order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

Suppliers

Server: MySQL:3306 » Database: northwind_1400 » Table: customers

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0014 seconds.)

```
SELECT * FROM customers INNER JOIN orders ON customers.id=orders.customer_id INNER JOIN employees ON orders.employee_id=employees.id INNER JOIN purchase_orders ON employees.id=purchase_orders.id HAVING purchase_orders.id>AVG(customers.id);
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code	country_region	web_page	note
----	---------	-----------	------------	---------------	-----------	----------------	------------	--------------	------------	---------	------	----------------	-----------------	----------------	----------	------

Query results operations

Create view

تمرین ۱- لیست مشتریان که بیشتر از میانگین تعداد مشتریان خرید انجام داده اند نمایش دهید

Console

Type here to search

Heavy rain

11:31 ق.ظ ۱۴۰۲/۰۲/۲۲

CS CamScanner

localhost / MySQL / northwind_1

localhost/phpmyadmin/index.php?route=/table/sql&db=northwind_1400&table=customers

Server: MySQL:3306 » Database: northwind_1400 » Table: shippers

Current server: MySQL

Recent Favorites

mysql

northwind_1400

Procedures

Tables

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invoices

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order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

Console

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0011 seconds.)

```
SELECT * FROM shippers WHERE shippers.last_name NOT IN (SELECT shippers.last_name FROM shippers INNER JOIN orders ON shippers.id=orders.shipper_id);
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code	country_region	web_page	not
----	---------	-----------	------------	---------------	-----------	----------------	------------	--------------	------------	---------	------	----------------	-----------------	----------------	----------	-----

Query results operations

Create view

سوال ۲- لیست تولید کننده هایی که هیچ کدام از محصولاتشان ثبت سفارش نشده است را نمایش دهید

07:20 ب.ظ ۱۴۰۲/۰۲/۲۱

26°C Mostly sunny

ENG

CS CamScanner

localhost / MySQL / northwind_1

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

New

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employee_privileges

inventory_transactions

inventory_transaction_type

invoices

orders

orders_status

orders_tax_status

order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

suppliers

performance_schema

Server: MySQL:3306 » Database: northwind_1400 » Table: orders

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 24 (48 total, 0 in query, Query took 0.0022 seconds.)

SELECT *,orders.ship_name FROM customers INNER JOIN orders ON customers.id=orders.customer_id;

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code
27	Company AA	Toh	Karen	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	789 27th Street	Las Vegas	NV	99999
4	Company D	Lee	Christina	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 4th Street	New York	NY	99999
12	Company L	Edwards	John	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 12th Street	Las Vegas	NV	99999
8	Company H	Andersen	Elizabeth	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-0101	123 8th Street	Portland	OR	99999
4	Company D	Lee	Christina	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 4th Street	New York	NY	99999
29	Company CC	Lee	Soo Jung	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	789 29th Street	Denver	CO	99999
3	Company	Axen	Thomas	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-0101	123 3rd Street	Los Angelas	CA	99999

Console

سوال ۳- مشخص کنید هر مشتری از کدام تولید کننده محصول سفارش داده است

Type here to search

26°C Mostly sunny 12:13 ب.ظ ۱۴۰۲/۰۲/۲۱

localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

New

customers

employees

employee_privileges

inventory_transactions

inventory_transaction_type

invoices

orders

orders_status

orders_tax_status

order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

suppliers

performance_schema

sys

Server: MySQL:3306 » Database: northwind_1400 » Table: customers

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 1 (2 total, Query took 0.0013 seconds.)

```
SELECT customers.first_name,customers.last_name,customers.city,employees.first_name,employees.last_name,employees.city FROM customers INNER JOIN orders ON customers.id=orders.customer_id INNER JOIN employees ON orders.employee_id=employees.id WHERE employees.city=customers.city;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

first_name	last_name	city	first_name	last_name	city
Anna	Bedecs	Seattle	Nancy	Freehafer	Seattle
Anna	Bedecs	Seattle	Nancy	Freehafer	Seattle

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

سوال ۴- لیست کارمندان و مشتریان هم شهری را نمایش دهید

Windows

Type here to search

26°C Mostly sunny

12:20 ب.ظ ۱۴۰۲/۰۲/۲۱

CS CamScanner

localhost / MySQL / northwind_1 x localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/table/sql&db=northwind_1400&table=customers

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

New

customers

employees

employee_privileges

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inventory_transaction_type

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orders

orders_status

orders_tax_status

order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

suppliers

performance_schema

sys

Server: MySQL:3306 » Database: northwind_1400 » Table: products

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 0 (1 total, Query took 0.0016 seconds.)

```
SELECT products.product_name,MAX(order_details.order_id) FROM products INNER JOIN order_details ON products.id=order_details.id;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

product_name	MAX(order_details.order_id)
Northwind Traders Beer	81

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

سوال ۵- محصولی را نمایش دهید که بیشترین تقاضا را داشته اند

Windows Type here to search

26°C Mostly sunny 12:25 ب.ظ ۱۴۰۲/۰۲/۲۱ ENG

CS CamScanner

localhost / MySQL / northwind_1

localhost / MySQL / northwind_1

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysqlnorthwind_1400Newcustomersemployeesemployee_privilegesinventory_transactionsinventory_transaction_typeinvoicesordersorders_statusorders_tax_statusorder_detailsoverviewprivilegesproductspurchase_orderspurchase_order_detailspurchase_order_statussales_reportsshippersstringsuppliersperformance_schema

Server: MySQL:3306 » Database: northwind_1400 » Table: products

BrowseStructureSQLSearchInsertExportImportPrivilegesOperationsTriggers

Showing rows 0 - 24 (31 total, Query took 0.0096 seconds.)

SELECT * FROM products WHERE products.product_name NOT IN (SELECT products.product_name FROM products INNER JOIN order_details ON products.id=order_details.id INNER JOIN orders ON order_details.id=orders.id INNER JOIN employees ON orders.employee_id=employees.id);

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	supplier_ids	id	product_code	product_name	description	standard_cost	list_price	reorder_level	target_level	quantity_per_unit	discontinued	m
<input type="checkbox"/> Edit Copy Delete	4	1	NWTB-1	Northwind Traders Chai	NULL	13.5000	18.0000	10	40	10 boxes x 20 bags	0	
<input type="checkbox"/> Edit Copy Delete	10	3	NWTCO-3	Northwind Traders Syrup	NULL	7.5000	10.0000	25	100	12 - 550 ml bottles	0	
<input type="checkbox"/> Edit Copy Delete	10	4	NWTCO-4	Northwind Traders Cajun Seasoning	NULL	16.5000	22.0000	10	40	48 - 6 oz jars	0	
<input type="checkbox"/> Edit Copy Delete	10	5	NWTO-5	Northwind Traders Olive Oil	NULL	16.0125	21.3500	10	40	36 boxes	0	
<input type="checkbox"/> Edit Copy Delete	2,6	6	NWTJP-6	Northwind Traders Boysenberry Spread	NULL	18.7500	25.0000	25	100	12 - 8 oz jars	0	
<input type="checkbox"/> Edit Copy Delete	2	7	NWTDFN-7	Northwind Traders Dried Pears	NULL	22.5000	30.0000	10	40	12 - 1 lb pkgs.	0	

Console

Type here to search

26°C Mostly sunny 12:29 ب.ظ ۱۴۰۲/۰۲/۲۱

localhost / MySQL / northwind_1

localhost / MySQL / northwind_1

localhost/phpmyadmin/index.php?route=/table/sql&db=northwind_1400&table=products

phpMyAdmin

Current server:

MySQL

Recent Favorites

mysql

northwind_1400

New

customers

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employee_privileges

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inventory_transaction_type

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sales_reports

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performance_schema

Server: MySQL:3306 » Database: northwind_1400 » Table: products

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Triggers

Showing rows 0 - 24 (45 total, Query took 0.0014 seconds.) [list_price: 81.0000... - 10.0000...]

SELECT * FROM products ORDER BY list_price DESC;

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> | ☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	supplier_ids	id	product_code	product_name	description	standard_cost	list_price	reorder_level	target_level	quantity_per_unit	discontinued	m
<input type="checkbox"/>	Edit Copy Delete	2,6	20	NWTJP-6	Northwind Traders Marmalade	NULL	60.7500	81.0000	10	40	30 gift boxes	0
<input type="checkbox"/>	Edit Copy Delete	2	51	NWTDFN-51	Northwind Traders Dried Apples	NULL	39.7500	53.0000	10	40	50 - 300 g pkgs.	0
<input type="checkbox"/>	Edit Copy Delete	3,4	43	NWTB-43	Northwind Traders Coffee	NULL	34.5000	46.0000	25	100	16 - 500 g tins	0
<input type="checkbox"/>	Edit Copy Delete	8	8	NWTS-8	Northwind Traders Curry Sauce	NULL	30.0000	40.0000	10	40	12 - 12 oz jars	0
<input type="checkbox"/>	Edit Copy Delete	6	17	NWTCFV-17	Northwind Traders Fruit Cocktail	NULL	29.2500	39.0000	10	40	15.25 OZ	0
<input type="checkbox"/>	Edit Copy Delete	1	56	NWTP-56	Northwind Traders Gnocchi	NULL	28.5000	38.0000	30	120	24 - 250 g pkgs.	0

Console

سوال ۷- محصولات به ترتیب قیمت لیست کنید

Type here to search

26°C Mostly sunny 12:30 ب.ظ ۱۴۰۲/۰۲/۲۱

localhost / MySQL | phpMyAdmin x localhost / MySQL / northwind_1 x

localhost/phpmyadmin/index.php?route=/server/privileges&adduser=1

phpMyAdmin

Current server: MySQL

Recent Favorites

Server: MySQL:3306

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

✓ You have added a new user.

```
CREATE USER 'mirzaei'@'%' IDENTIFIED WITH caching_sha2_password BY '***';GRANT USAGE ON *.* TO 'mirzaei'@'%;ALTER USER 'mirzaei'@'%' REQUIRE NONE WITH MAX_QUERIES_PER_HOUR 0 MAX_CONNECTIONS_PER_HOUR 0 MAX_UPDATES_PER_HOUR 0 MAX_USER_CONNECTIONS 0;
```

[Edit inline] [Edit] [Create PHP code]

Global Database Change password Login Information

Edit privileges: User account 'mirzaei'@'%'

Global privileges ☐ Check all

Note: MySQL privilege names are expressed in English.

☐ Data

- ☐ SELECT
- ☐ INSERT
- ☐ UPDATE
- ☐ DELETE
- ☐ FILE

☐ Structure

- ☐ CREATE
- ☐ ALTER
- ☐ INDEX
- ☐ DROP
- ☐ CREATE TEMPORARY TABLES
- ☐ SHOW VIEW
- ☐ CREATE ROUTINE
- ☐ ALTER ROUTINE
- ☐ EXECUTE
- ☐ CREATE VIEW
- ☐ EVENT
- ☐ TRIGGER

☐ Administration

- ☐ GRANT
- ☐ SUPER
- ☐ PROCESS
- ☐ RELOAD
- ☐ SHUTDOWN
- ☐ SHOW DATABASES
- ☐ LOCK TABLES
- ☐ REFERENCES
- ☐ REPLICATION CLIENT
- ☐ REPLICATION SLAVE
- ☐ CREATE USER

☐ Resource limits

Note: Setting these options to 0 (zero) removes the limit.

MAX QUERIES PER HOUR 0

MAX UPDATES PER HOUR 0

MAX CONNECTIONS PER HOUR 0

MAX USER_CONNECTIONS 0

سوال ۱- یوزری با نام فامیلی خود و پسورد شماره دانشجویی که فقط به اطلاعات مشتریان دسترسی داشته باش ایجاد کنید

Console

Type here to search

26°C Mostly sunny 12:39 ب.ظ ۱۴۰۲/۰۲/۲۱ ENG

localhost / MySQL | phpMyAdmin x localhost / MySQL / northwind_1 x

localhost/phpmyadmin/index.php?route=/server/privileges&adduser=1

phpMyAdmin

Current server: MySQL

Recent Favorites

New

- information_schema
- mysql
- northwind_1400
 - New
 - customers
 - employees
 - employee_privileges
 - inventory_transactions
 - inventory_transaction_type
 - invoices
 - orders
 - orders_status
 - orders_tax_status
 - order_details
 - order_details_status
 - privileges
 - products
 - purchase_orders
 - purchase_order_details
 - purchase_order_status
 - sales_reports
 - shippers
 - strings
 - suppliers

Server: MySQL 3306

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

✓ You have updated the privileges for 'mirzaei'@'%'.
GRANT SELECT, INSERT, UPDATE, REFERENCES ON `northwind_1400`.`customers` TO 'mirzaei'@'%'; ALTER USER 'mirzaei'@'%';
[Edit inline] [Edit] [Create PHP code]

Table Login Information

Edit privileges: User account 'mirzaei'@'%' - Database northwind_1400 - Table customers

Table-specific privileges

Note: MySQL privilege names are expressed in English.

SELECT	INSERT	UPDATE	REFERENCES	<input type="checkbox"/> DELETE
<div>id</div> <div>company</div> <div>last_name</div> <div>first_name</div> <div>email_address</div> <div>job_title</div> <div>business_phone</div> <div>home_phone</div>	<div>id</div> <div>company</div> <div>last_name</div> <div>first_name</div> <div>email_address</div> <div>job_title</div> <div>business_phone</div> <div>home_phone</div>	<div>id</div> <div>company</div> <div>last_name</div> <div>first_name</div> <div>email_address</div> <div>job_title</div> <div>business_phone</div> <div>home_phone</div>	<div>id</div> <div>company</div> <div>last_name</div> <div>first_name</div> <div>email_address</div> <div>job_title</div> <div>business_phone</div> <div>home_phone</div>	<input type="checkbox"/> CREATE
Select all Or <input type="checkbox"/> None	Select all Or <input type="checkbox"/> None	Select all Or <input type="checkbox"/> None	Select all Or <input type="checkbox"/> None	<input type="checkbox"/> DROP
				<input type="checkbox"/> GRANT
				<input type="checkbox"/> INDEX
				<input type="checkbox"/> ALTER
				<input type="checkbox"/> CREATE VIEW
				<input type="checkbox"/> SHOW VIEW
				<input type="checkbox"/> TRIGGER

Go

[Database northwind_1400: Structure] [Table customers: Browse]

Console

Type here to search

26°C Mostly sunny 12:40

localhost / MySQL / northwind_1 x

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

Server: MySQL:3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Current server: MySQL

Recent Favorites

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northwind_1400

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performance_schema

sys

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0114 seconds.)

```
CREATE PROCEDURE sumcustomer(idcustom int) BEGIN DECLARE _sum int; SET _sum=0; SELECT * FROM customers INNER JOIN orders ON customers.id=orders.customer_id WHERE customers.id=idcustom; SET _sum=(SUM(orders.customer_id)+SUM(orders.id)); SELECT "the sum is:",_sum; END;
```

[Edit inline] [Edit] [Create PHP code]

سوال ۲- پراسیجری بنویسید که مجموع سفارشات مشتری را به اضافه مجموع مقادیر سفارش داده شده نمایش دهد (شماره مشتری به عنوان ورودی بگیرد)

Console

Type here to search

26°C Mostly sunny 04:35 ب.ظ ۱۴۰۲/۰۲/۲۱ ENG

localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

Procedures

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employees

employee_privileges

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inventory_transaction_1

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order_details

order_details_status

privileges

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purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

Suppliers

Server: MySQL 3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 5 (6 total, Query took 0.0017 seconds.)

```
CALL sumcustomer(6);
```

[Edit inline] [Edit] [Create PHP code]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code	co
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US
6	Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 6th Street	Milwaukee	WI	99999	US

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Console

localhost / MySQL / northwind_1 x localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

New

customers

employees

employee_privileges

inventory_transactions

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shippers

strings

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performance_schema

sys

Server: MySQL:3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0113 seconds.)

```
CREATE PROCEDURE customerinfo() BEGIN SELECT * FROM customers INNER JOIN orders ON customers.id=orders.customer_id INNER JOIN employees ON orders.employee_id=employees.id; END;
```

[Edit inline] [Edit] [Create PHP code]

سوال ۳- پراسیجری بنویسید که اطلاعات مشتریان را نمایش دهد که توسط کارمندان مشخص ثبت سفارش شده باشند

Console

Type here to search

26°C Mostly sunny 04:40 ب.ظ ۱۴۰۲/۰۲/۲۱ ENG

localhost / MySQL / northwind_1 x localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

New

customers

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Server: MySQL 3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 24 (48 total, Query took 0.0043 seconds.)

CALL customerinfo();

[Edit inline] [Edit] [Create PHP code]

1 > >> ☐ Show all Number of rows: 25 Filter rows: Search this table

Extra options

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code
7	Company G	Xie	Ming-Yang	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-0101	123 7th Street	Boise	ID	99999
10	Company J	Wacker	Roland	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 10th Street	Chicago	IL	99999
11	Company K	Krschne	Peter	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	123 11th Street	Miami	FL	99999
1	Company A	Bedecs	Anna	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-0101	123 1st Street	Seattle	WA	99999
28	Company BB	Raghav	Amritansh	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	789 28th Street	Memphis	TN	99999
29	Company CC	Lee	Soo Jung	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-0101	789 29th Street	Denver	CO	99999
7	Company G	Xie	Ming-Yang	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-0101	123 7th Street	Boise	ID	99999

Console

Type here to search

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localhost / MySQL / northwind_1 x | localhost / MySQL / northwind_1 x | +

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

Procedures

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New

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orders_status

orders_tax_status

order_details

order_details_status

privileges

products

purchase_orders

purchase_order_details

purchase_order_status

sales_reports

shippers

strings

suppliers

Server: MySQL:3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0137 seconds.)

```
CREATE VIEW info AS SELECT customers.last_name,employees.last_name AS employee,products.product_name,(SELECT suppliers.last_name AS supplier FROM suppliers) FROM customers INNER JOIN orders ON customers.id=orders.customer_id INNER JOIN employees ON orders.employee_id=employees.id INNER JOIN purchase_orders ON employees.id=purchase_orders.id INNER JOIN purchase_order_details ON purchase_order_details.id=purchase_orders.id INNER JOIN products ON purchase_order_details.id=products.id;
```

[Edit inline] [Edit] [Create PHP code]

سوال ۴- یک جدول مجازی بسازید شامل نام مشتری و نام کارمند و نام کالا و نام تهیه کننده باشد

Console

Type here to search

26°C Mostly sunny 04:48 ب.ظ ۱۴۰۲/۰۲/۲۱ ENG

localhost / MySQL / northwind_1 x +

localhost/phpmyadmin/index.php?route=/database/routines&type=PROCEDURE&db=northwind_1400

phpMyAdmin

Current server: MySQL

Recent Favorites

mysql

northwind_1400

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purchase_order_status

sales_reports

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strings

Suppliers

Server: MySQL 3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

✓ Your SQL query has been executed successfully.
48 rows affected by the last statement inside the procedure.

CALL `customerinfo`();

Execution results of routine `customerinfo`

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle	WA	999

Console

Type here to search

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localhost / MySQL / northwind_1400

localhost/phpmyadmin/index.php?route=/database/sql&db=northwind_1400

Server: MySQL:3306 » Database: northwind_1400

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Current server: MySQL

Recent Favorites

mysql

northwind_1400

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purchase_order_status

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shippers

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suppliers

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0106 seconds.)

```
CREATE PROCEDURE product() BEGIN SELECT * FROM products INNER JOIN order_details ON products.id=order_details.id INNER JOIN orders ON order_details.id=orders.id INNER JOIN employees ON orders.employee_id=employees.id HAVING AVG(employees.id)>products.id; END;
```

[Edit inline] [Edit] [Create PHP code]

سوال ۵- پراسیجری بنویسید که محصولاتی را نمایش دهد که مقدار شناسه محصول از میانگین شناسه کارمندان کمتر باشد

Console

Type here to search

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localhost / MySQL / northwind_1

localhost/phpmyadmin/index.php?route=/database/routines&type=PROCEDURE&db=northwind_1400

phpMyAdmin

Current server:

MySQL

Recent Favorites

mysql

northwind_1400

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sales_reports

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suppliers

Server: MySQL 3306 » Database: northwind_1400

StructureSQLSearchQueryExportImportOperationsPrivilegesRoutinesEventsTriggersDesigner

✔ Your SQL query has been executed successfully.
0 rows affected by the last statement inside the procedure.

CALL `product` ();

Execution results of routine `product`

⚠ MySQL returned an empty result set (i.e. zero rows).

Routines

☐ Check all

Name

Type

Returns

☐

customerinfo

PROCEDURE

☐

product

PROCEDURE

☐

sumcustomer

PROCEDURE

Create new routine

Console

Type here to search

26°C Mostly sunny 11:58 ق.ظ ١٤٠٢/٠٢/٢٢