

امیدرضا باقریان اسفندانی

سوال سه

The screenshot shows the phpMyAdmin interface for a database named 'company'. The 'employee' table is selected, and the 'Structure' tab is active. The table has the following structure:

id	name	department	salary
1	ali	karmand	10000
2	leyla	modir	500
3	ghasem	modir	5000
4	ali	karmand	750
5	reza	karmand	850
6	ali	karmand	9500

The 'SQL' tab is also visible, showing the following queries:

```
SELECT * FROM `employee`
```

```
UPDATE `employee` SET `department` = 'karmand' WHERE `employee`.`id` = 5;
```

الف

`SELECT * FROM `employee` WHERE name = "ail";`

The screenshot shows the phpMyAdmin interface after executing the query `SELECT * FROM `employee` WHERE name = "ail";`. The 'SQL' tab is active, and the results are displayed in the 'Query results operations' section. The results show 3 rows:

id	name	department	salary
1	ali	karmand	10000
4	ali	karmand	750
6	ali	karmand	9500

The 'Query results operations' section includes buttons for Print, Copy to clipboard, Export, Display chart, and Create view. The 'Console' tab is also visible at the bottom.

ب

`SELECT * FROM `employee` WHERE salary < 1000;`

localhost / 127.0.0.1 / company / X +

localhost/phpmyadmin/index.php?route=/table/sql&db=company&table=employee

Server: 127.0.0.1 » Database: company » Table: employee

Showing rows 0 - 2 (3 total, Query took 0.0022 seconds.)

```
SELECT * FROM `employee` WHERE salary < 1000;
```

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

Options

	id	name	department	salary
<input type="checkbox"/>	2	leyla	modir	500
<input type="checkbox"/>	4	ali	karmand	750
<input type="checkbox"/>	5	reza	karmand	850

Check all | With selected: Edit Copy Delete Export

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

Bookmark this SQL query

Console

(ج)

SELECT department, AVG(salary) FROM employee GROUP BY department

localhost / 127.0.0.1 / company / X +

localhost/phpmyadmin/index.php?route=/table/sql&db=company&table=employee

Server: 127.0.0.1 » Database: company » Table: employee

Showing rows 0 - 1 (2 total, Query took 0.0028 seconds.)

```
SELECT DEPARTMENT,AVG(SALARY) FROM employee GROUP BY DEPARTMENT;
```

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

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

Options

	DEPARTMENT	AVG(SALARY)
<input type="checkbox"/>	karmand	5275
<input type="checkbox"/>	modir	2750

Check all | With selected: Edit Copy Delete Export

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

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console ☐ Let every user access this bookmark

export

The screenshot shows the phpMyAdmin interface for exporting data from the 'employee' table in the 'company' database. The left sidebar shows the database structure with 'company' selected. The main panel is titled 'Exporting rows from "employee" table'. It includes sections for 'Export templates' (New and Existing), 'Export method' (Quick or Custom), and 'Format' (SQL). A 'Go' button is at the bottom right.

localhost / 127.0.0.1 / company /

localhost/phpmyadmin/index.php?route=/table/export&db=company&table=employee&single_table=true

Server: 127.0.0.1 » Database: company » Table: employee

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Exporting rows from "employee" table

Export templates:

New template: Existing templates:

Template name Create Template: employee Update Delete

Export method:

☒ Quick - display only the minimal options

☐ Custom - display all possible options

Format:

SQL

Go

Console

employee.sql

Show all

import

The screenshot shows the phpMyAdmin interface for importing data into the 'employee' table in the 'company' database. The left sidebar shows the database structure with 'company' selected. The main panel is titled 'Importing into the table "employee"'. It includes sections for 'File to import' (Browse or Choose File), 'Partial import' (Allow interruption or Skip queries), 'Other options' (Enable foreign key checks), 'Format' (SQL), and 'Format-specific options' (SQL compatibility mode). A 'Go' button is at the bottom right.

localhost / 127.0.0.1 / company /

localhost/phpmyadmin/index.php?route=/table/import&db=company&table=employee

Server: 127.0.0.1 » Database: company » Table: employee

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Importing into the table "employee"

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.
A compressed file's name must end in [format][compression] Example: .sql.zip

Browse your computer: Choose File employee.sql (Max: 40MiB)

You may also drag and drop a file on any page.

Character set of the file: utf-8

Partial import:

☒ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. (This might be a good way to import large files, however it can break transactions.)

Skip this number of queries (for SQL) starting from the first one: 0

Other options:

☒ Enable foreign key checks

Format:

SQL

Format-specific options:

SQL compatibility mode: NONE

☒ Do not use AUTO_INCREMENT for zero values

Go

Console

localhost / 127.0.0.1 / com | phpMyAdmin

phpMyAdmin 5.1.1

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

Recent Favorites

- New
- com
- New
- employee
- company
- New
- employee
- information_schema
- mysql
- performance_schema
- phpmyadmin

Import has been successfully finished. 15 queries executed. (employee.sql)

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0008 seconds)

```
-- phpMyAdmin SQL Dump -- version 5.1.1 -- https://www.phpmyadmin.net/ -- -- Host: 127.0.0.1 -- Generation Time: Feb 09, 2022 at 06:12 PM -- Server version: 10.4.22-MariaDB -- PHP Version: 8.1.2 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds)

```
START TRANSACTION;
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0009 seconds)

```
SET time_zone = "+00:00";
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds)

```
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0009 seconds)

```
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0007 seconds)

```
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
```

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

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0008 seconds)

```
SET NAMES utf8mb4 */;
```

Console