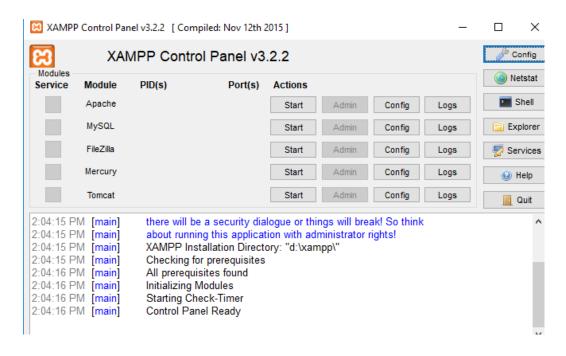


MYSQL DATABASE FOR PHP

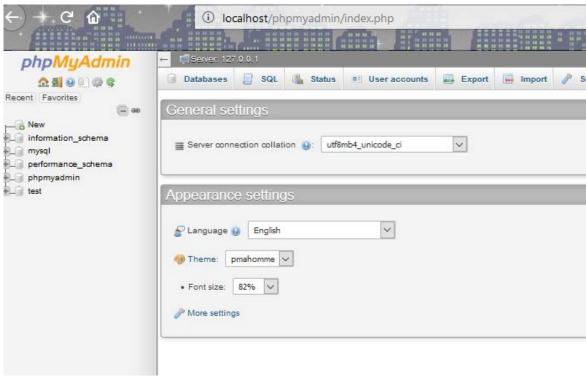
- We will do some basic stuffs for knowing how to create a database and use it inside a website.
- As we mentioned above about the connection between database and PHP.
- MySQL is a database system used on the web that runs on the server(XAMPP). Ideal for both large and small applications.
- The way we create the database is through **PHPmyadmin.**
- If we have XAMPP installed, we will also have myadmin installed on our computer.

MYSQL DATABASE FOR PHP

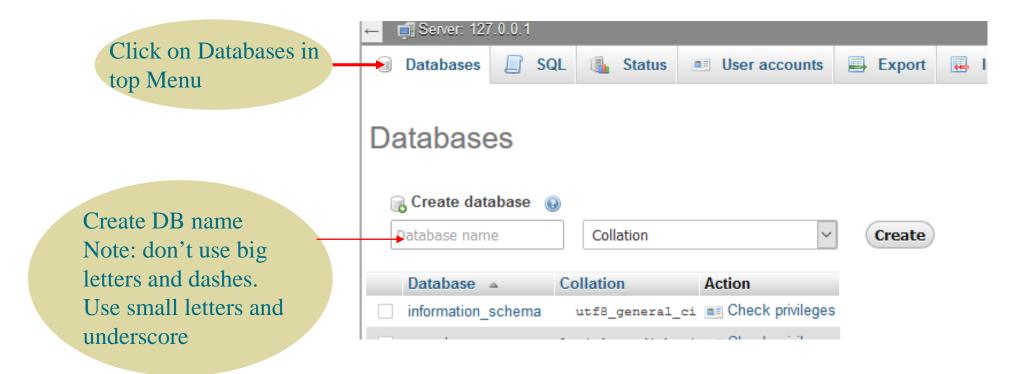
Start the Apache and MySQL



Open Chrome and type in the URL bar: **localhost/phpMyAdmin** then you will see the display like below:

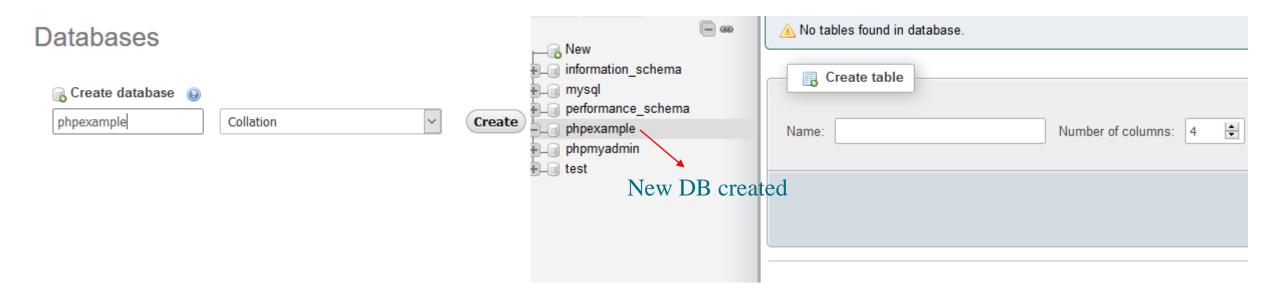


HOW TO CREATE A DATABASE



HOW TO CREATE A DATABASE

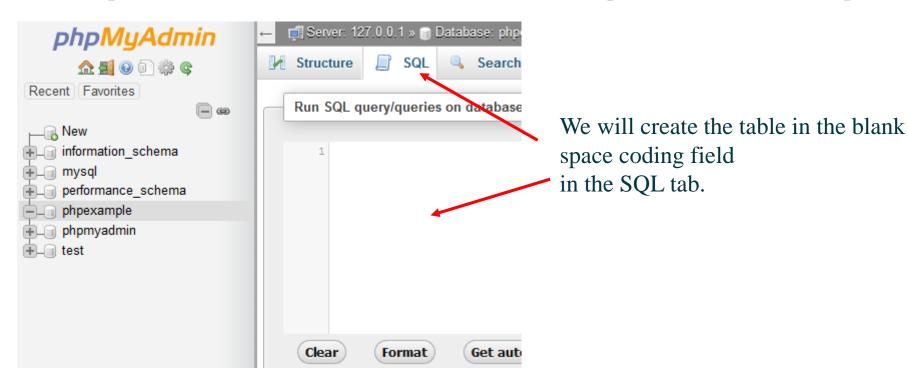
Create your DB name and you will see your DB is listed on the left side Your screen will look like below.



HOW TO CREATE table IN DATABASE

The way databases work is that we need to create tables and each table will store the information regarding one certain thing.

For example: it would store the name, ID number, username, password or even user's posts

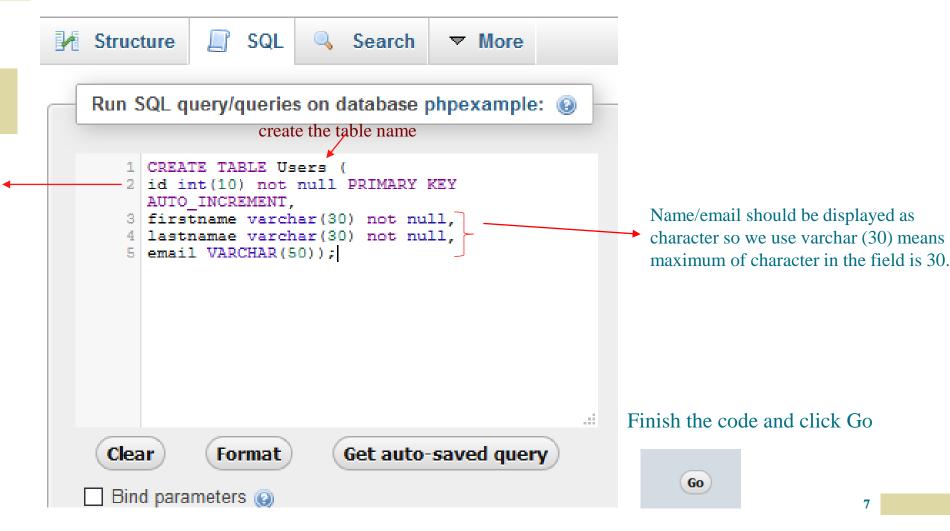


HOW TO CREATE table IN DATABASE

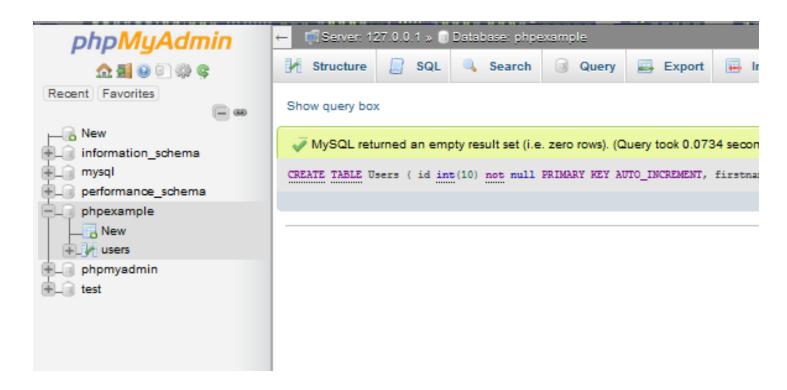
We should write what we need to have in a column

The 1st column we call it id with the data type as integer (10) shows how many numbers that can be inside the id. not null means it can not be empty, we need data inside this column.

PRIMARY KEY: no other rows can have the same number, make sure that nobody has the same number as the other, etc,... AUTO_INCREMENT: each time a new users have been joined it will increase the ID by 1, keep counting upwards.



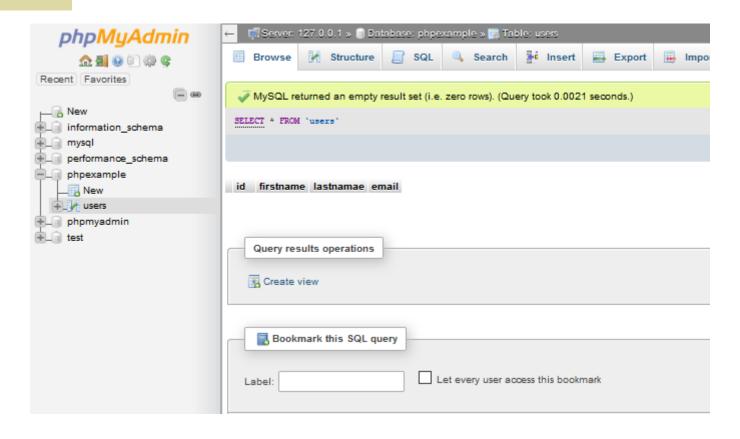
HOW TO create TABLE IN DATABASE



The output would look like this: the sql return with empty result means we have no errors.

On the left panel you could see the table has been created.

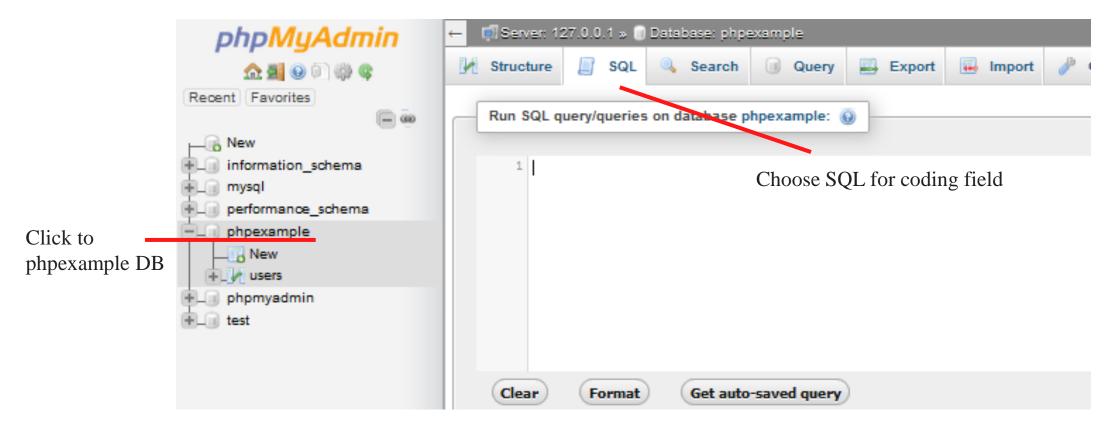
HOW TO create TABLE IN DATABASE



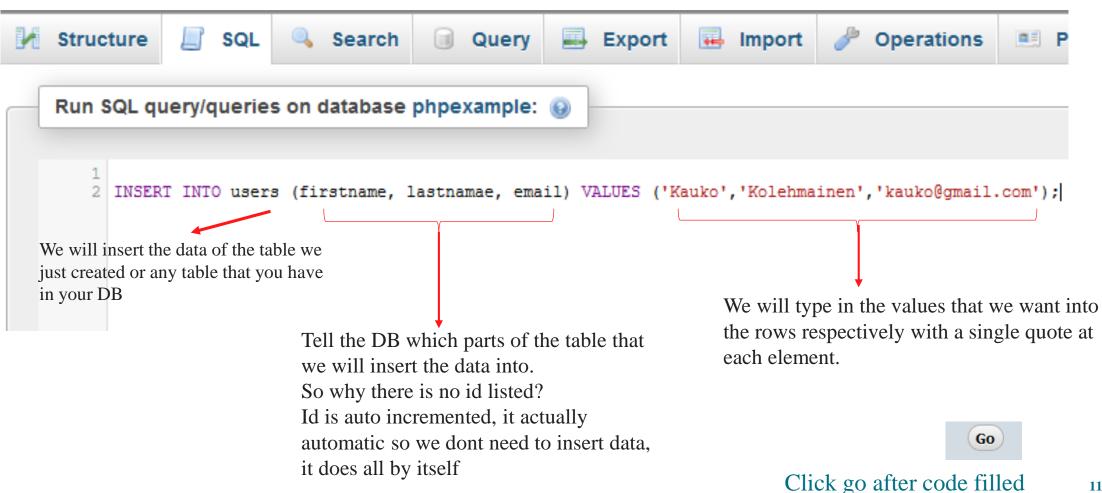
Click on the users table, we could see nothing in the picture above which means you have no data.

HOW TO insert DATA INTO DATABASE

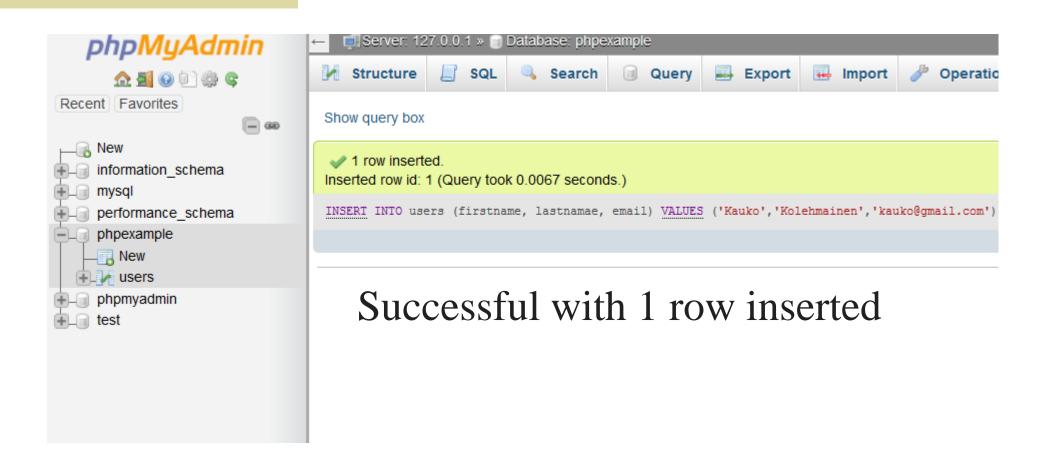
As we already created the table with id, first name, last name, email columns previously. We are going to insert data in those columns.



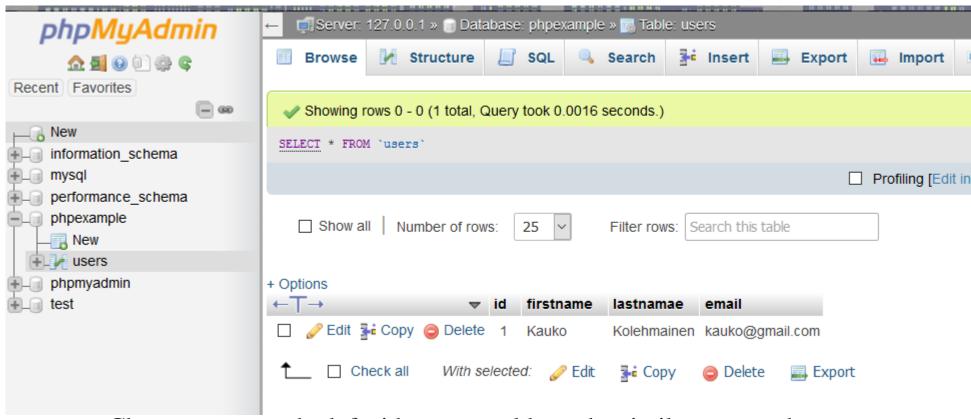
HOW TO Insert DATA INTO DATABASE



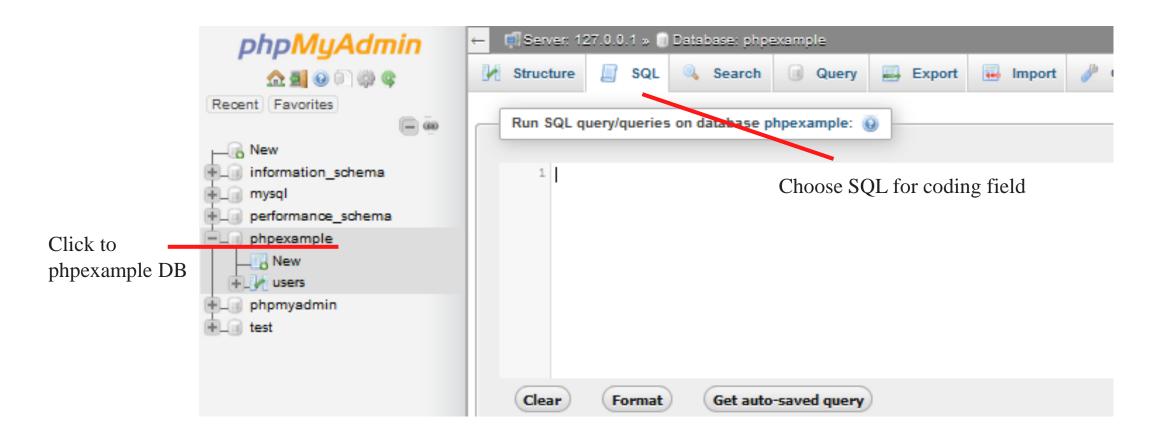
HOW TO insert DATA INTO DATABASE

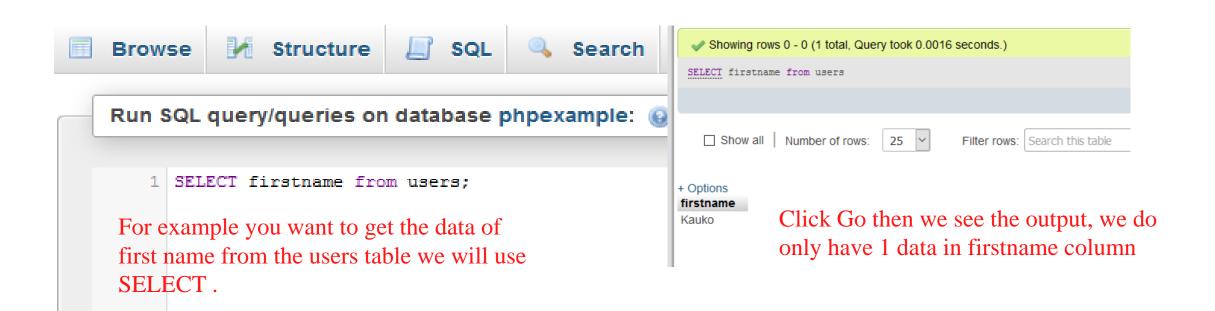


HOW TO insert DATA INTO DATABASE

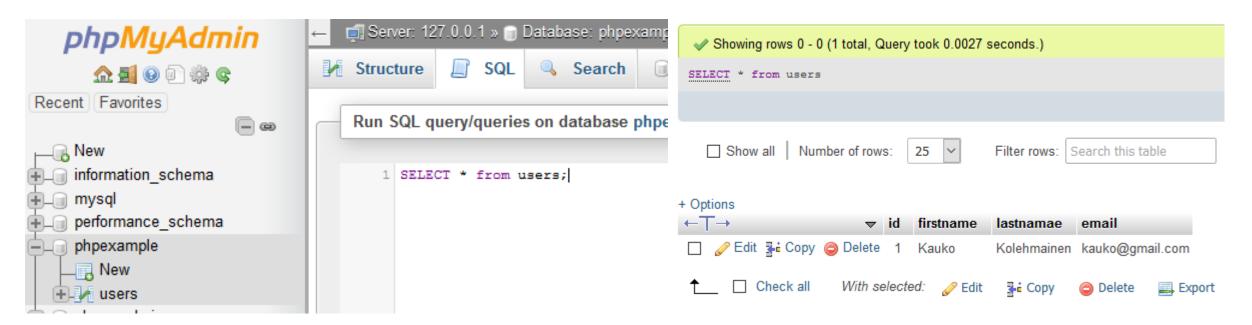


Choose users on the left side you would see the similar screen above and we are already done with insert data into table

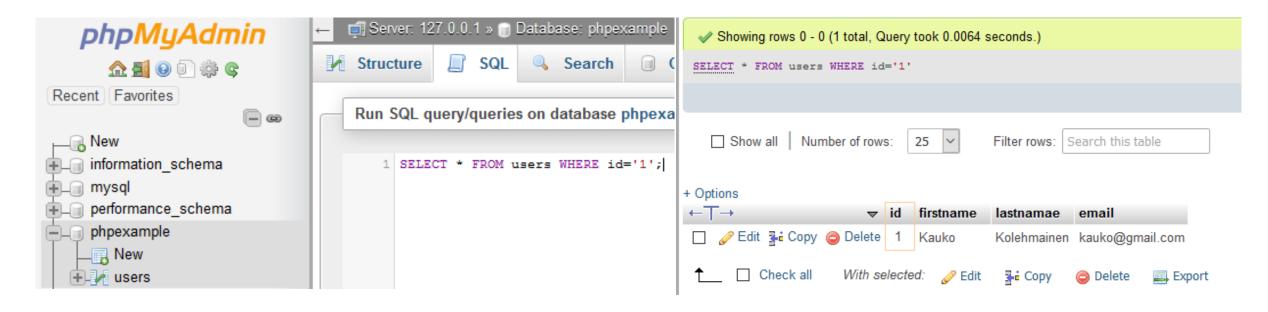




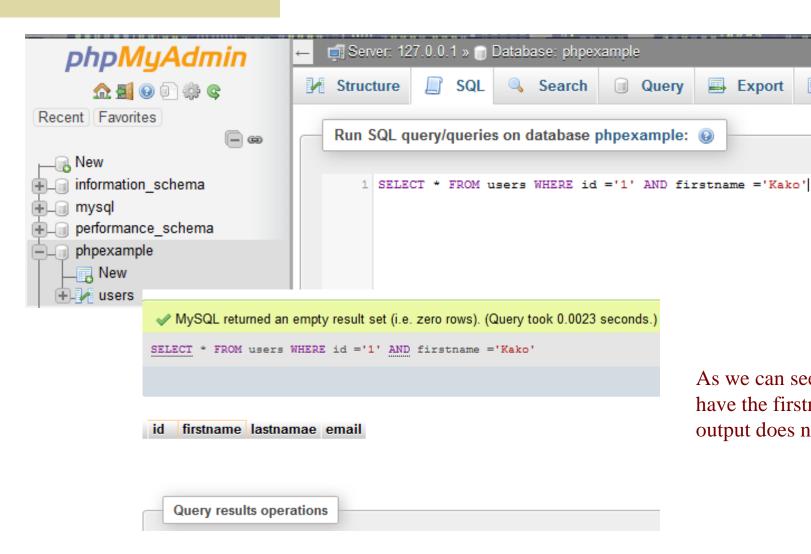
You can try with the other columns such as lastnamae, email.



We can go back and do another example with SELECT. With * from the users table you get the whole table at the output (everything in the table show off)



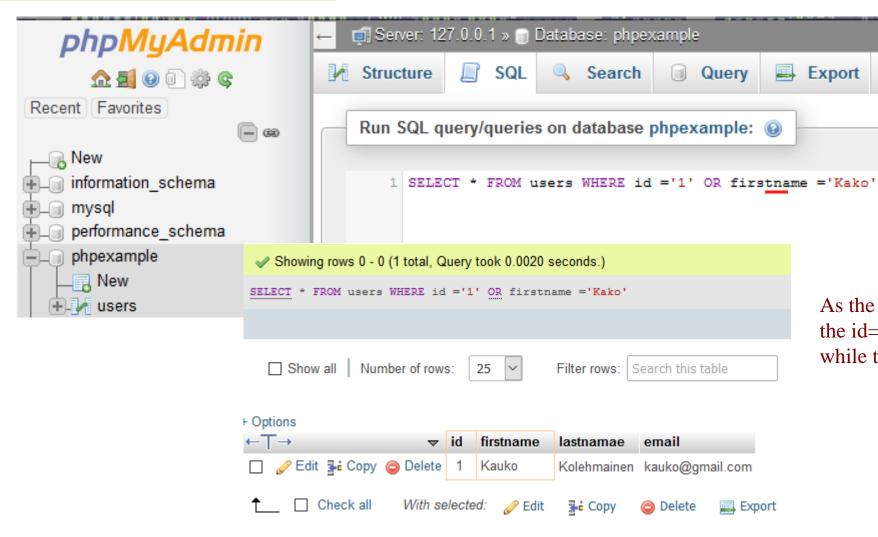
You make the condition for the SELECT which means it will list the whole row whose has the id is 1, we do only have 1 piece of data in here so id is 1. We run the code and of course it shows you the line of users table.



We make another condition for the statement this time with AND which means the system will check if it is correct for the id = '1' and firstname ='Kako'

As we can see we obviously dont have the firstname = 'Kako' so the output does not show any line related.

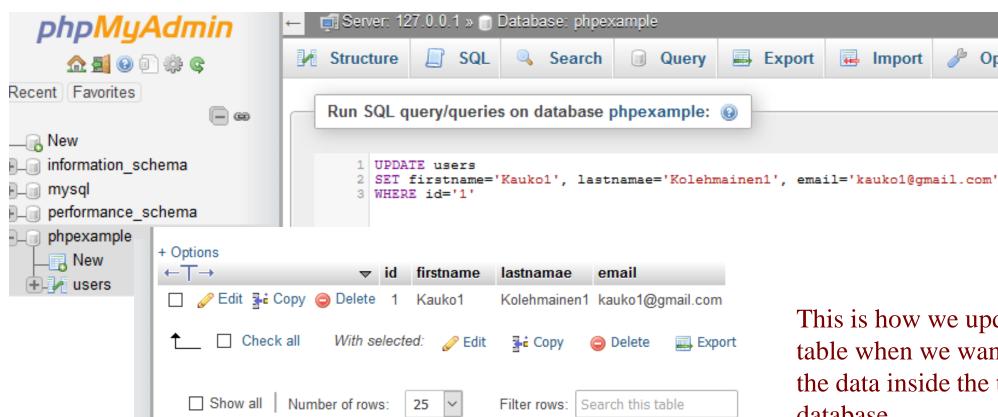
Export



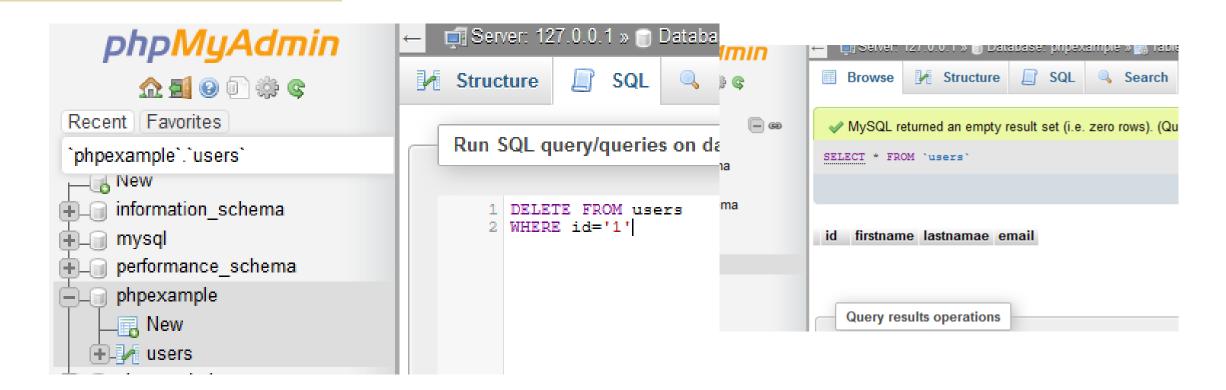
We make another condition for the statement this time with OR which means the system will check if it is correct for the id ='1' OR firstname ='Kako'

As the result it shows the line with the id='1' because it is the correct while the other is not.

HOW TO update DATA FROM DATABASE

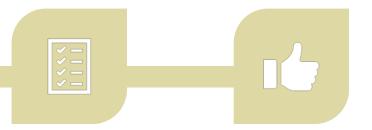


This is how we update the table when we want to change the data inside the table from database.



This is how we delete data from database, in this case we only have 1 line of data so it will be empty at the end when we run the code; otherwise, when we have more data, it does make sense that we place a condition in the SQL querry.

Giving feedback and contribution



IF THERE ARE SOME MISTAKES, YOU CAN FREELY REPORT IT.

GIVING FEEDBACK.



ANY SUGGESTION?



THANK YOU FOR YOUR TIME!