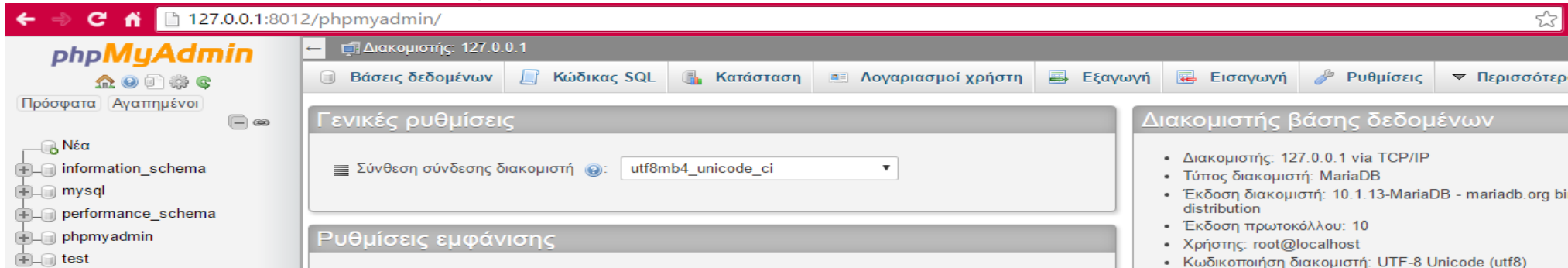
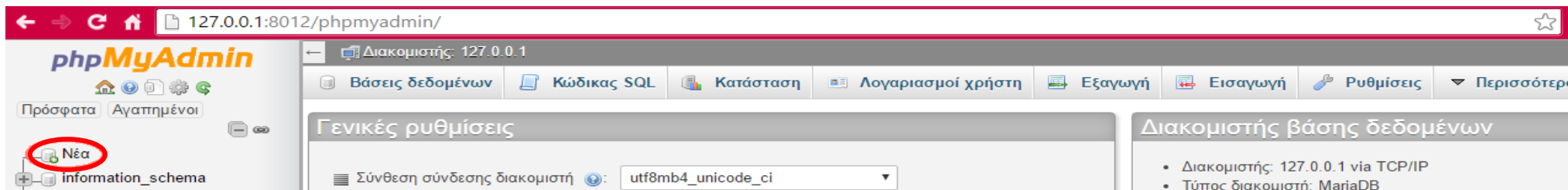


# Δημιουργία ΒΔ με XAMPP

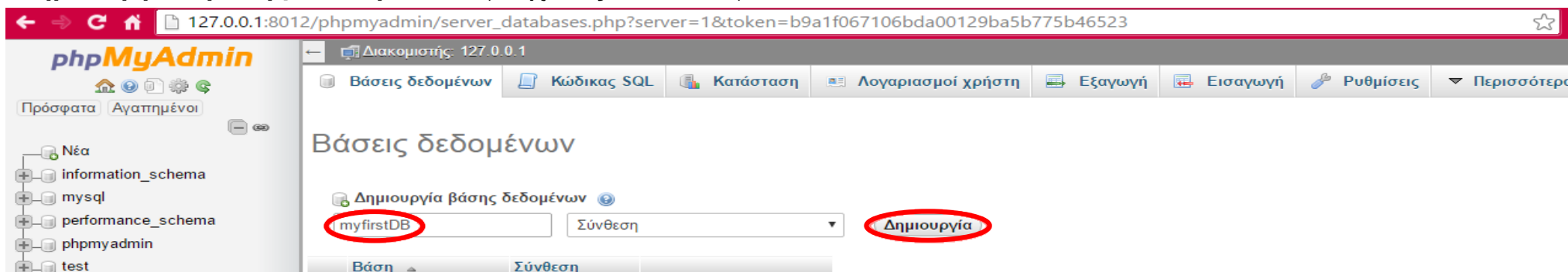
Άνοιγμα ενός browser (π.χ. Google Chrome) και εισαγωγή της διεύθυνσης (URL):  
<http://localhost/phpmyadmin> ή <http://127.0.0.1/phpmyadmin>



Επιλογή προσθήκης νέας βάσης δεδομένων:

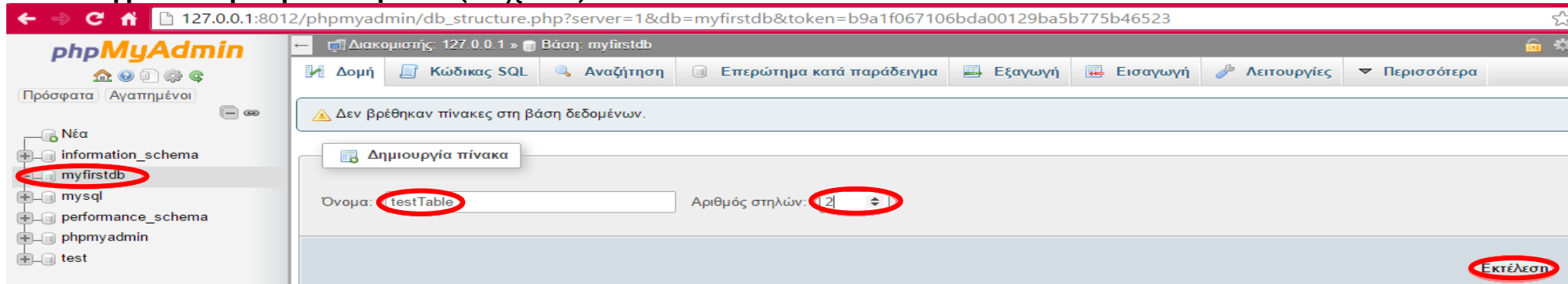


Δημιουργία βάσης δεδομένων (π.χ. myfirstDB):



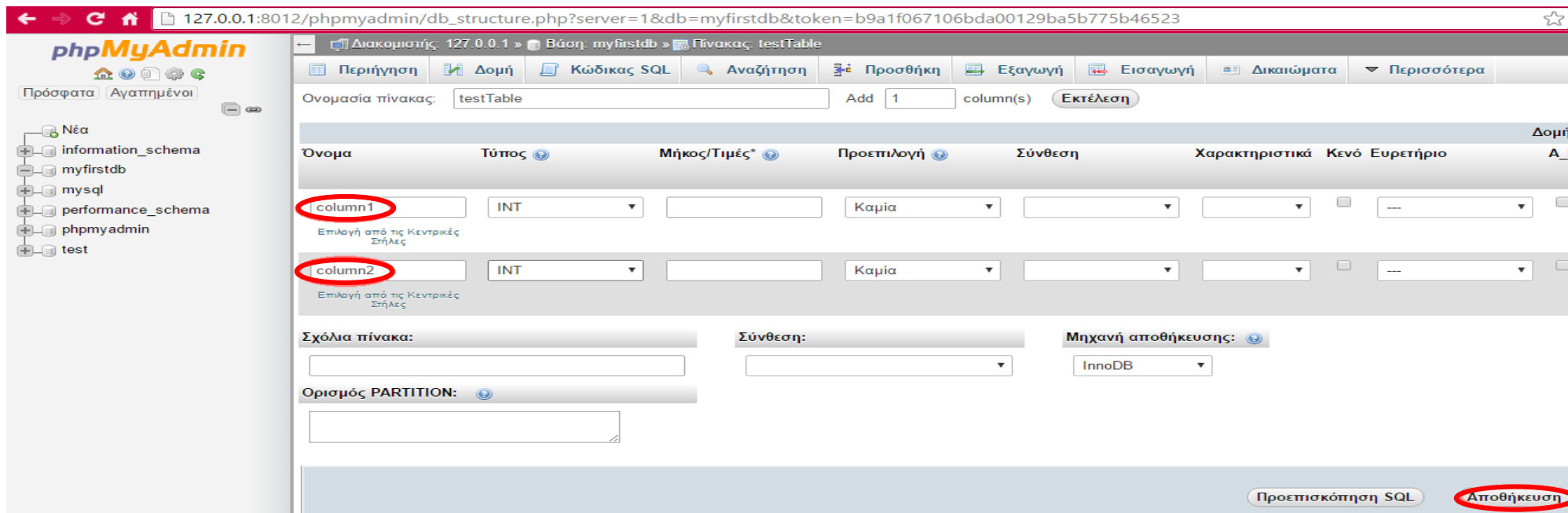
# Δημιουργία Πινάκων ΒΔ με ΧΑΜΡΡ

Επιλογή βάσης δεδομένων (π.χ. myfirstDB) για δημιουργία νέου πίνακα (π.χ. testtable) με επιλεγμένο αριθμό στηλών (π.χ. 2):



The screenshot shows the phpMyAdmin interface at 127.0.0.1:8012. The left sidebar shows the database structure with 'myfirstdb' selected. The main area displays the 'Create new table' form. The table name is 'testTable' and the number of columns is set to 2. The 'Execute' button is highlighted with a red circle.

Προσθήκη στοιχείων στις στήλες του πίνακα:



The screenshot shows the 'Add new column' screen in phpMyAdmin. The table 'testTable' is selected. Two columns are being added: 'column1' and 'column2', both of type 'INT'. The 'Execute' button is highlighted with a red circle. The bottom right corner shows the 'SQL preview' and 'Save' buttons, with the 'Save' button highlighted with a red circle.

# Σύνδεση PHP με τη ΒΔ

```
<?php

$hostname = "localhost";
$username = "root";
$password = "";
$dbname = "myfirstdb";

//Δημιουργία της σύνδεσης
$conn = new mysqli($hostname , $username, $password, $dbname);

//Έλεγχος της σύνδεσης
if ($conn->connect_error)
{
    die("Connection failed: " . $conn->connect_error);
}

?>
```

# Εισαγωγή δεδομένων με PHP σε ΒΔ

```
<?php
    include "config.php";

    $sql = "INSERT INTO testtable (column1,column2) VALUES ('11','22')";
    $result = $conn->query($sql);

    if($result === TRUE)
    {
        echo "New record created successfully";
    }
    else
    {
        echo "Error inserting record: " . $conn->error;
    }

    //Κλείσιμο της σύνδεσης
    $conn->close();
?>
```

# Επιλογή δεδομένων με PHP σε ΒΔ

```
<?php
    include "config.php";

    $sql = "SELECT column1,column2 FROM testtable";
    $result = $conn->query($sql);

    if($result->num_rows > 0){
        while($row = $result->fetch_assoc())
        {
            echo "col1: " . $row["column1"] . "col2: " . $row["column2"];
        }
    }
    else{
        echo "0 results";
    }

    //Κλείσιμο της σύνδεσης
    $conn->close();
?>
```

# Διαγραφή δεδομένων με PHP σε ΒΔ

```
<?php
    include "config.php";

    $sql = "DELETE FROM testtable";
    $result = $conn->query($sql);

    if($result === TRUE)
    {
        echo "Record deleted successfully";
    }
    else
    {
        echo "Error deleting record: " . $conn->error;
    }

    //Κλείσιμο της σύνδεσης
    $conn->close();
?>
```

# Αλλαγή δεδομένων με PHP σε ΒΔ

```
<?php
    include "config.php";

    $sql = "UPDATE testtable SET column1='5' WHERE column2='22'";
    $result = $conn->query($sql);

    if($result === TRUE)
    {
        echo "Record updated successfully";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }

    //Κλείσιμο της σύνδεσης
    $conn->close();
?>
```

# Παράδειγμα PHP με ΒΔ

page.html	db.php	Page result
<pre> &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;body bgcolor="lightblue"&gt; &lt;center&gt; &lt;h3&gt;Personal details &lt;/h3&gt;  &lt;form action="db.php" method="post"&gt;  Name : &lt;br&gt; &lt;input type="text" name="fname"&gt; &lt;br&gt;&lt;br&gt; &lt;input type="submit" value="Submit"&gt;  &lt;/form&gt;  &lt;/center&gt; &lt;/body&gt; &lt;/html&gt; </pre>	<pre> &lt;?php  include 'config.php';  \$name = \$_POST['fname'];  \$sql = "INSERT into details (fName) VALUES ('" . \$name . "')";  \$result = \$conn-&gt;query(\$sql);  if(\$result === TRUE) {     echo "New record created successfully"; } else {     echo "Error inserting :". \$conn-&gt;error; }  \$conn-&gt;close();  ?&gt; </pre>	<div> <b>Personal details</b>   Name:   <input type="text"/>   <input type="submit" value="Submit"/> </div> <div> <b>Personal details</b>   Name:   <input type="text" value="Mary"/>   <input type="submit" value="Submit"/> </div> <div> New record created successfully </div> <div> <b>DB result</b>   </div>

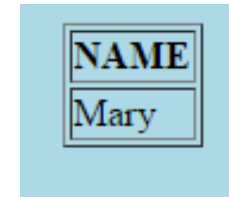


# Παράδειγμα PHP με ΒΔ

## page.php

```
<!DOCTYPE html>
<html> <body bgcolor="lightblue"> <center>
<table border="1">
<th>NAME</th>
<?php
    include 'config.php';
    $sql = "SELECT fName FROM details";
    $result = $conn->query($sql);
    if($result->num_rows > 0){
        while($row = $result->fetch_assoc())
        {
            echo '<tr>';
            echo '<td>'. $row["fName"] . '</td>';
            echo '</tr>';
        }
    }
    else{
        echo "0 results";
    }
    $conn->close();
?>
</table>
</center> </body> </html>
```

## Page result



## DB result

