

Practical Part 2. Creating a Database

Creating a MySQL database can be done in various ways. You can create a database by utilizing the interface from the page `localhost/phpmyadmin` or by executing *query* SQL on the page `localhost/phpmyadmin` or create a database with *query* SQL inside PHP. In this practicum, we will explain how to create data by executing *query* SQL inside PHP.

After successfully connecting to the database server, we can do *query* to create a database. The functions that can be used are `mysqli_query()`. Syntax `mysqli_query()` are as follows:

```
<?php
    mysqli_query($koneksi, $SQL);
?>
```

Basic syntax *query* used to create a database are as follows:

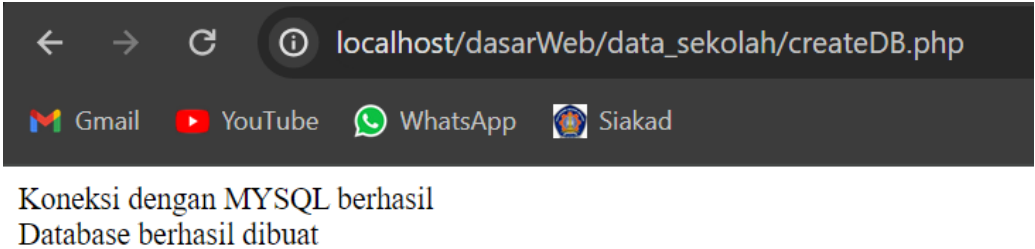
```
CREATE DATABASE namaDatabase;
```

After manipulating data in the database, a function is used to close the connection `mysqli_close()`.

Follow these steps to create a database with the name “`school_data`”:

Steps	Information
1	<p>Create a new file with the name <code>createDB.php</code> in the <code>data_school</code> directory, then type the following program code:</p> <pre>createDB.php X createDB.php 1 <?php 2 \$servername = "localhost"; 3 \$username = "root"; 4 \$password = ""; 5 6 // Create connection 7 \$conn = mysqli_connect(\$servername, \$username, \$password); 8 9 // Check connection 10 if (\$conn) { 11 echo "Koneksi dengan MySQL berhasil
"; 12 } 13 else { 14 echo "Koneksi dengan MySQL gagal" . mysqli_connect_error(); 15 } 16 17 \$sql = "CREATE DATABASE data_sekolah"; 18 if (mysqli_query(\$conn, \$sql)){ 19 echo "Database berhasil dibuat"; 20 } 21 else { 22 echo "Database gagal dibuat
" . mysqli_error(\$conn); 23 } 24 25 mysqli_close(\$conn); 26 ?></pre>

2	Save the file and run the program code by typing localhost/dasarWeb/school_data/createDB.php
3	The following is what the website will look like when the database is successfully created!

	 <p>Koneksi dengan MYSQL berhasil Database berhasil dibuat</p>
4	<p>The following is the database display in PHPMyadmin when the data_school database is successfully created!</p> 