

PHP MySQLi Introduction

PHP has a rich collection of built in functions for manipulating MySQL databases.

The MySQLi functions allows you to access MySQL database servers.

PHP `mysqli_connect()`

PHP **`mysqli_connect()`** function is used to connect with MySQL database. It returns *resource* if connection is established or *null*.

It has the following syntax.

```
<?php;
$db_handle = mysqli_connect($db_server_name, $db_user_name, $db_password);
?>
```

PHP `mysqli_select_db` function

The `mysqli_select_db` function is used to select a database.

It has the following syntax.

```
<?php
mysqli_select_db($db_handle,$database_name);
?>
```

`$db_handle` specify the connection which you have established at the starting of program.

PHP `mysqli_query` function

The `mysqli_query` function is used to execute [SQL](#) queries.

The function can be used to execute the following query types;

- Create
- Insert
- Select
- Update
- delete
- It has the following syntax.

Syntax:

```
• <?php
• mysqli_query($db_handle,$query) ;
• ?>
```

“\$query” is the SQL query to be executed

PHP mysqli_num_rows function

The mysqli_num_rows function is used to get the number of rows returned from a select query.

It has the following syntax.

```
<?php
mysqli_num_rows($result);
?>
```

PHP mysqli_fetch_assoc() Function

mysqli_fetch_assoc() function fetches a result row as an associative array.

```
mysqli_fetch_assoc(result);

result= mysqli_query($conn, $sql)
```

PHP mysqli_fetch_row() Function

mysqli_fetch_row() return a single row from the number of records available in the database. at a time it return only the first row of the result set. if we want to retrieve all the rows of the table then we must put this function inside the while loop.

```
mysqli_fetch_row(result);
```

PHP mysqli_close function

The mysqli_close function is used to close an open database connection.

It has the following syntax.

```
<?php
mysqli_close($db_handle);
?>
```

DROP DATABASE user1;

Drop table Tablename;