

# PHP



## Lesson 9

# PHP MySQL WHERE

The WHERE clause is used to extract only those records that fulfill a specified criterion.

```
SELECT column_name(s)
FROM table_name
WHERE column_name operator value
```

```
<?php
$con=mysqli_connect("localhost","root","","my_db");
// Check connection
if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$sql = "SELECT * FROM Persons WHERE FirstName='Peter'";
$result = mysqli_query($con,$sql );

while($row = mysqli_fetch_array($result))
{
    echo $row['FirstName'] . " " . $row['LastName'];
    echo "<br>";
}
```

# PHP MySQL ORDER BY

The ORDER BY keyword is used to sort the data in a recordset. The ORDER BY keyword sort the records in ascending order by default.

```
SELECT column_name(s)
FROM table_name
ORDER BY column_name(s) ASC|DESC
```

```
<?php
$con=mysqli_connect("localhost","root","","my_db");
// Check connection
if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$sql = "SELECT * FROM Persons ORDER BY age";
$result = mysqli_query($con,$sql );

while($row = mysqli_fetch_array($result))
{
    echo $row['FirstName'] . " " . $row['LastName'];
    echo "<br>";
}
```

# PHP MySQL LIMIT

Limit is used to limit your MySQL query results to those that fall within a specified range.

```
SELECT column_name(s)
FROM table_name LIMIT start ,count
```

```
<?php
$con=mysqli_connect("localhost","root","","my_db");
// Check connection
if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$sql = "SELECT * FROM Persons LIMIT 0,10";
$result = mysqli_query($con,$sql );

while($row = mysqli_fetch_array($result))
{
    echo $row['FirstName'] . " " . $row['LastName'];
    echo "<br>";
}
```

# PHP MySQL BETWEEN

The BETWEEN operator selects values within a range. The values can be numbers, text, or dates.

```
SELECT column_name(s)
FROM table_name
WHERE column_name BETWEEN value1 AND value;
```

```
<?php
$con=mysqli_connect("localhost","root","","my_db");
// Check connection
if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$sql = "SELECT * FROM Products WHERE Price BETWEEN 10 AND 20;";
$result = mysqli_query($con,$sql );
```

# Tasks

1. Ստեղծել Persons աղյուսակ, որը կունենա հետևյալ ատրիբուտները՝ id, firstname, lastname, age, gender, city: Աղյուսակի բոլոր տվյալները տպել HTML table-ի մեջ, այնպես որ յուրաքանչյուր էջում երևա 10 տող:

# Tasks

2. Persons աղյուսակի համար գրել որոնում (search) և նոր տվյալների ավելացում (add):

FirstName	<input type="text" value="a"/>
LastName	<input type="text"/>
Age	<input type="text"/>
Gender	<input type="text"/>
City	<input type="text"/>
<input type="button" value="Search"/>	

FirstName	LastName	Age	Gender	City	Check
<input type="text" value="anna"/>	<input type="text" value="minasyan"/>	<input type="text" value="22"/>	<input type="text" value="female"/>	<input type="text" value="yerevan"/>	<input type="checkbox"/>
<input type="text" value="anush"/>	<input type="text" value="karakhanya"/>	<input type="text" value="37"/>	<input type="text" value="female"/>	<input type="text" value="Yerevan"/>	<input type="checkbox"/>
<input type="text" value="raffi"/>	<input type="text" value="hovhannisy"/>	<input type="text" value="53"/>	<input type="text" value="male"/>	<input type="text" value="frenso"/>	<input type="checkbox"/>
<input type="text" value="ad"/>	<input type="text" value="dd"/>	<input type="text" value="2"/>	<input type="text" value="fdf"/>	<input type="text" value="m"/>	<input type="checkbox"/>
<input type="text" value="bab"/>	<input type="text" value="mjk"/>	<input type="text" value="22"/>	<input type="text" value="jhj"/>	<input type="text" value="hghg"/>	<input type="checkbox"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="button" value="Add"/>		<input type="button" value="Update"/>		<input type="button" value="Delete"/>	