

Exp. No. E17	MANUAL NO. : DYPPCOE-CSE-T2-WT-II	SUBJECT: WEB TECHNOLOGIES- II
DEPARTMENT: CSE	ISSUE NO. : 01	ISSUE DATE: 05/12/2018
REV. NO. : 0	REV. DATE : 05/12/18	

Experiment Title: Update user's data stored in MySQL database using PHP

Objective:

To learn and implement a program to Update user's data stored in MySQL database using PHP

Theory & Procedure :

Update Data In a MySQL Table Using MySQLi and PDO

The UPDATE statement is used to update existing records in a table:

UPDATE table_name

SET column1=value, column2=value2,...

WHERE some_column=some_value

Notice the WHERE clause in the UPDATE syntax: The WHERE clause specifies which record or records that should be updated. If you omit the WHERE clause, all records will be updated!

To learn more about SQL, please visit our [SQL tutorial](#).

Let's look at the "MyGuests" table:

id	firstname	lastname	email	reg_date
1	John	Doe	john@example.com	2014-10-22 14:26:15
2	Mary	Moe	mary@example.com	2014-10-23 10:22:30

The following examples update the record with id=2 in the "MyGuests" table:

Example (MySQLi Object-oriented)

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";

if ($conn->query($sql) === TRUE) {
    echo "Record updated successfully";
} else {
```

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```

        echo "Error updating record: " . $conn->error;
    }

```

```

$conn->close();
?>

```

Example (MySQLi Procedural)

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";

if (mysqli_query($conn, $sql)) {
    echo "Record updated successfully";
} else {
    echo "Error updating record: " . mysqli_error($conn);
}

mysqli_close($conn);
?>

```

Example (PDO)

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDBPDO";

try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

```

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```
// set the PDO error mode to exception
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=2";

// Prepare statement
$stmt = $conn->prepare($sql);

// execute the query
$stmt->execute();

// echo a message to say the UPDATE succeeded
echo $stmt->rowCount() . " records UPDATED successfully";
}
catch(PDOException $e)
{
    echo $sql . "<br>" . $e->getMessage();
}

$conn = null;
?>
```

After the record is updated, the table will look like this:

id	firstname	lastname	email	reg_date
1	John	Doe	john@example.com	2014-10-22 14:26:15
2	Mary	Doe	mary@example.com	2014-10-23 10:22:30

Conclusion: