

PHP Insert into Database

Data can be entered into MySQL tables by executing SQL INSERT statement through PHP function **mysql_query**. Below a simple example to insert a record into **employee** table.

Example

Try out following example to insert record into employee table.

```
<?php
$dbhost = 'localhost:3036';
$dbuser = 'root';
$dbpass = 'rootpassword';
$conn = mysql_connect($dbhost, $dbuser, $dbpass);

if(! $conn ) {
    die('Could not connect: ' . mysql_error());
}

$sql = 'INSERT INTO employee ' .
      '(emp_name,emp_address, emp_salary, join_date) ' .
      'VALUES ( "guest", "XYZ", 2000, NOW() )';

mysql_select_db('test_db');
$retval = mysql_query( $sql, $conn );

if(! $retval ) {
    die('Could not enter data: ' . mysql_error());
}

echo "Entered data successfully\n";

mysql_close($conn);
?>
```

In real application, all the values will be taken using HTML form and then those values will be captured using PHP script and finally they will be inserted into MySQL tables.

While doing data insert its best practice to use function **get_magic_quotes_gpc()** to check if current configuration for magic quote is set or not. If this function returns false then use function **addslashes()** to add slashes before quotes.

Example

Try out this example by putting this code into add_employee.php, this will take input using HTML Form and then it will create records into database.

```

<html>

<head>
    <title>Add New Record in MySQL Database</title>
</head>

<body>
    <?php
        if(isset($_POST['add'])) {
            $dbhost = 'localhost:3036';
            $dbuser = 'root';
            $dbpass = 'rootpassword';
            $conn = mysql_connect($dbhost, $dbuser, $dbpass);

            if(! $conn ) {
                die('Could not connect: ' . mysql_error());
            }

            if(! get_magic_quotes_gpc() ) {
                $emp_name = addslashes ($_POST['emp_name']);
                $emp_address = addslashes ($_POST['emp_address']);
            }else {
                $emp_name = $_POST['emp_name'];
                $emp_address = $_POST['emp_address'];
            }

            $emp_salary = $_POST['emp_salary'];

            $sql = "INSERT INTO employee ". "(emp_name,emp_address,
emp_salary,
                join_date) ".
"VALUES ('$emp_name', '$emp_address', $emp_salary, NOW())";

            mysql_select_db('test_db');
            $retval = mysql_query( $sql, $conn );

            if(! $retval ) {
                die('Could not enter data: ' . mysql_error());
            }

            echo "Entered data successfully\n";

            mysql_close($conn);
        }else {
            ?>

            <form method = "post" action = "<?php $_PHP_SELF
?>">

```

```

"1"      <table width = "400" border = "0" cellspacing =
        cellpadding = "2">

        <tr>
            <td width = "100">Employee Name</td>
            <td><input name = "emp_name" type = "text"
                id = "emp_name"></td>
        </tr>

        <tr>
            <td width = "100">Employee Address</td>
            <td><input name = "emp_address" type =
                id = "emp_address"></td>
        </tr>

        <tr>
            <td width = "100">Employee Salary</td>
            <td><input name = "emp_salary" type =
                id = "emp_salary"></td>
        </tr>

        <tr>
            <td width = "100"> </td>
            <td> </td>
        </tr>

        <tr>
            <td width = "100"> </td>
            <td>
                <input name = "add" type = "submit" id =
                    value = "Add Employee">
            </td>
        </tr>

    </table>
</form>

<?php
}
?>

</body>
</html>

```

