

# PHP MySQL Last Inserted ID

In this tutorial you will learn how to retrieve the unique ID of the last inserted row from a MySQL database table using PHP.

## How to Get the ID of Last Inserted Row

In the [PHP MySQL insert](#) chapter you've learnt MySQL automatically generate an unique ID for the `AUTO_INCREMENT` column each time you insert a new record or row into the table. However, there are certain situations when you need that automatically generated ID to insert it into a second table. In these situations you can use the PHP `mysqli_insert_id()` function to retrieve the most recently generated ID, as shown in the upcoming example.

For this example we'll use the same *persons* table that we've created in the [PHP MySQL create tables](#) chapter, which has four columns *id*, *first\_name*, *last\_name* and *email*, where *id* is the primary key column and marked with `AUTO_INCREMENT` flag.

Example

Procedural

Object Oriented

PDO

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```
<?php
/* Attempt MySQL server connection. Assuming you are running MySQL
server with default setting (user 'root' with no password) */
$link = mysqli_connect("localhost", "root", "", "demo");

// Check connection
if($link === false){
    die("ERROR: Could not connect. " . mysqli_connect_error());
}

// Attempt insert query execution
$sql = "INSERT INTO persons (first_name, last_name, email) VALUES
('Ron', 'Weasley', 'ronweasley@mail.com')";
if(mysqli_query($link, $sql)){
    // Obtain last inserted id
    $last_id = mysqli_insert_id($link);
    echo "Records inserted successfully. Last inserted ID is: " .
    $last_id;
} else{
    echo "ERROR: Could not able to execute $sql. " .
    mysqli_error($link);
}
```

```
// Close connection  
mysqli_close($link);  
?>
```