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# PHP MySQL Last Inserted ID

BOOTSTRAP5 (v4.6)

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.

```
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                        Object Oriented
Example
                                      PDO
              Procedural
 1
     /* Attempt MySQL server connection. Assuming you are running MySQL
 3
     server with default setting (user 'root' with no password) */
     $link = mysqli_connect("localhost", "root", "", "demo");
 4
 5
 6
     // Check connection
 7
     if($link === false){
 8
         die("ERROR: Could not connect. " . mysqli_connect_error());
 9
     }
10
     // Attempt insert query execution
11
     $sql = "INSERT INTO persons (first_name, last_name, email) VALUES ('Ron',
12
     'Weasley', 'ronweasley@mail.com')";
13
     if(mysqli_query($link, $sql)){
14
         // Obtain last inserted id
15
         $last_id = mysqli_insert_id($link);
         echo "Records inserted successfully. Last inserted ID is: " . $last_id;
16
17
     } else{
         echo "ERROR: Could not able to execute $sql. " . mysqli_error($link);
18
19
20
21
     // Close connection
22
     mysqli_close($link);
23
     ?>
```

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More references

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